

**HAVISH M**

**CONSULTING**

# BE AN ANALYTICS

# HERO



# TRAINER PROFILE



**Havish Madhvapaty**  
**Founder – Havish M Consulting**

**40 Under 40 Analytics**  
**Indian Achievers Award for Young Entrepreneur**

**Consultant at Big 4, Big 3 and Investment Banking Firms**  
**Faculty at IIM BLACKI + Top 8 IITs**

**Authored 20 books**

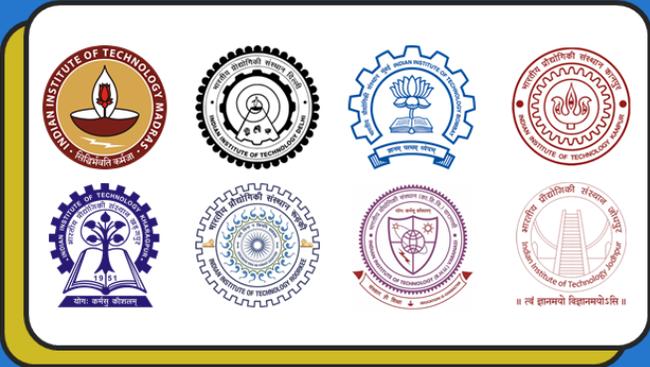


**Harvard Business  
School Online**



**HAVISH M  
CONSULTING**

# COLLEGE ENGAGEMENTS



# CORPORATE CLIENTS

**adani adani** Transmission Power // // // Sterlite Power **IndiGrid**

**IndianOil** **Bharat Petroleum**

**GOVERNMENT OF INDIA**  
MINISTRY OF POWER  
सरयमेव जयते

**पर्यटन मंत्रालय**  
Ministry of Tourism  
सरयमेव जयते

**Bi**

**WORLD BANK GROUP**

**pwc** **EY Deloitte.**  
Building a better working world

**DE Shaw & Co**

**BW BUSINESSWORLD**  
www.businessworld.in

**JUBILANT FOODWORKS**

**ET Masterclass**  
From The Economic Times

**THE ECONOMIC TIMES**

LET TRUTH PREVAIL

TIMES PROFESSIONAL LEARNING

**Kimberly-Clark**

**gsk** GlaxoSmithKline

**cvent**

**Allianz**

**TATA COMMUNICATIONS**

**METROPOLIS**  
The Pathology Specialist

**DCM SHRIRAM**  
Growing with trust

# LINKS



**See Course Details:**

<https://www.havishmconsulting.com/mega-bundle>



**YouTube:**

<https://www.youtube.com/c/havishmadhvapaty>



**Buy from Shop:**

<https://www.havishmconsulting.com/shop>



**Medium:**

<https://medium.com/@havish-madhvapaty>



**GitHub:**

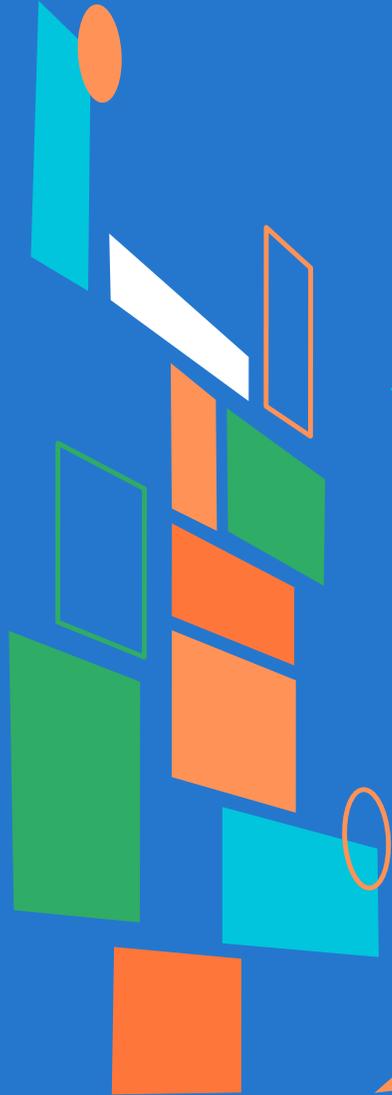
<https://github.com/havishmad>



**SoundCloud:**

<https://soundcloud.com/havish-madhvapaty-867421796>

# BUNDLES



### MEGA ANALYTICS BUNDLE

31 Courses  
75+ Hours of Content

Excel, PowerPoint, Word,  
Google Sheets, SQL, Power BI,  
Tableau, Python, R, Knime

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### EXCEL BUNDLE

18 Courses  
40+ Hours of Content

Basics, Data Cleaning, VLOOKUP,  
Pivot, Dashboards, Power Query,  
DAX, Financial Modelling,  
Statistics, Customer Analytics

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### BUSINESS INTELLIGENCE BUNDLE

6 Courses  
20+ Hours of Content

POWER BI, POWER BI FOR FINANCE,  
POWER QUERY, DAX, TABLEAU, LOD  
EXPRESSIONS

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### POWER BI BUNDLE

4 Courses  
15+ Hours of Content

Data Analytics and Visualization,  
AI Features, Data Modelling with  
DAX, ETL with Power Query,  
Power BI for Marketing, Power BI  
for Finance

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### TABLEAU BUNDLE

2 Courses  
6+ Hours of Content

Data Visualization with Dynamic  
Dashboards, Advanced Tableau  
with LOD Expressions

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CONSULTING

### MS OFFICE BUNDLE

21 Courses  
48+ Hours of Content

EXCEL  
WORD  
POWERPOINT

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### POWERPOINT BUNDLE

2 Courses  
5+ Hours of Content

ESSENTIALS FOR STUNNING  
PRESENTATIONS  
MASTERCLASS FOR B SCHOOL  
PRESENTATIONS

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### DATA SCIENCE BUNDLE

6 Courses  
17+ Hours of Content

INTRODUCTION TO PYTHON  
INTRODUCTION TO R  
INTRODUCTION TO KNIME

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### PYTHON BUNDLE

4 Courses  
10+ Hours of Content

PROGRAMMING FOR ABSOLUTE  
BEGINNERS  
INTERACT WITH EXCEL  
DATA VISUALIZATION WITH SEABORN  
WEB SCRAPING

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### MARKETING BUNDLE

15 Courses  
35+ Hours of Content

EXCEL, POWERPOINT  
POWER BI, TABLEAU  
SQL, PYTHON

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### FINANCE BUNDLE

15 Courses  
35+ Hours of Content

EXCEL  
POWER BI  
PYTHON

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### ANALYTICS BUNDLE

Taught at SRCC  
40+ Hours of Content

Excel, Power BI, Tableau, Python,  
Blockchain, Design Thinking  
Experienced Instructors from Hitachi  
Power Grids, DXC Technology, ex-Juniper

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# BUNDLE WISE CONTENT



COURSE	HOURS	MEGA ANALYTICS BUNDLE	EXCEL MASTERCLASS BUNDLE	POWER BI BUNDLE	TABLEAU BUNDLE	THE DEFINITIVE ANALYTICS BUNDLE	THE PYTHON BEGINNER BUNDLE	POWERPOINT BUNDLE	OFFICE BUNDLE	FINANCE BUNDLE	DATA SCIENCE BUNDLE	MARKETING BUNDLE
EXCEL BIBLE - MASTERING THE BASICS	3	Y	Y						Y			
MASTER DATA CLEANING AND PREPARATION	2	Y	Y						Y	Y		Y
VLOOKUP - THE MASTER GUIDE	3	Y	Y						Y	Y		Y
PIVOT TABLES - DATA ANALYSIS AND DASHBOARDS	2	Y	Y						Y	Y		Y
ALL THE CHARTS YOU WILL EVER NEED	3	Y	Y						Y	Y		Y
DATE FUNCTIONS FOR DATA ANALYSIS AND MODELLING	2	Y	Y						Y	Y		Y
VBA PROGRAMMING FOR BEGINNERS	2	Y	Y						Y	Y		
FINANCIAL FORMULAS FOR BEGINNERS	1	Y	Y						Y	Y		
DYNAMIC ARRAYS - SUPERCHARGE EXCEL FORMULAS	1	Y	Y						Y	Y		
DATA WRANGLING AND ETL USING POWER QUERY	3	Y	Y	Y		Y			Y	Y		
60 SECOND TIPS	3	Y	Y						Y			
CUSTOMER ANALYTICS	2	Y	Y						Y			Y
STATISTICS ESSENTIALS FOR EXCEL	2	Y	Y						Y			Y
FUTURE OF EXCEL WITH JAVASCRIPT + TYPESCRIPT	1	Y	Y						Y			
MASTERING GOOGLE SHEETS	2	Y	Y									
INTRODUCTION TO JAVASCRIPT WITH GOOGLE SHEETS	3	Y	Y									
MASTER MICROSOFT WORD	3	Y							Y			
ESSENTIALS FOR STUNNING PRESENTATIONS	3	Y						Y	Y			Y
THE B-SCHOOL STUDENT MASTERCLASS FOR CONSULTING PRESENTATIONS	2	Y						Y	Y			Y
SQL SERVER FOR ABSOLUTE BEGINNERS	1	Y										
POWER BI - DATA ANALYTICS AND VISUALIZATION	4	Y		Y		Y				Y		Y
DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE	3	Y	Y	Y		Y				Y		Y
POWER BI FOR FINANCE	5	Y		Y		Y				Y		
TABLEAU DATA VISUALIZATION FOR BEGINNERS	3	Y			Y	Y						Y
ADVANCED CALCULATIONS LOD (LEVEL OF DETAIL) EXPRESSIONS	3	Y			Y	Y						Y
PROGRAMMING FOR ABSOLUTE BEGINNERS	3	Y					Y			Y	Y	Y
INTERACT WITH EXCEL	2	Y	Y				Y			Y	Y	
DATA VISUALIZATION WITH SEABORN	3	Y					Y				Y	Y
WEB SCRAPING	2	Y					Y				Y	
R PROGRAMMING FOR ABSOLUTE BEGINNERS	6	Y									Y	
KNIME - DATA SCIENCE AND MACHINE LEARNING	1	Y									Y	

# COURSES



# MEGA ANALYTICS BUNDLE

## MEGA ANALYTICS BUNDLE

31 Courses

75+ Hours of Content

Excel, PowerPoint, Word,  
Google Sheets, SQL, Power BI,  
Tableau, Python, R, Knime

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**School Online**



HMC **EXCEL BIBLE**  
MASTERING THE BASICS

HMC **DATA CLEANING**  
AND  
PREPARATION

HMC **VLOOKUP**  
THE MASTER GUIDE

HMC **PIVOT TABLES**  
DATA ANALYSIS AND  
DASHBOARDS

HMC **ALL THE CHARTS**  
YOU WILL EVER NEED

HMC **DATE FUNCTIONS**  
FOR DATA ANALYSIS AND  
MODELLING

HMC **VBA PROGRAMMING FOR**  
BEGINNERS

HMC **FINANCIAL FORMULAS**  
FOR  
BEGINNERS

HMC **DYNAMIC ARRAYS**  
SUPERCHARGE EXCEL  
FORMULAS

HMC **DATA WRANGLING AND**  
ETL USING POWER  
QUERY

HMC **FUTURE OF EXCEL WITH**  
JAVASCRIPT  
+ TYPESCRIPT

HMC **60 SECOND TIPS**

HMC **CUSTOMER ANALYTICS**

HMC **STATISTICS ESSENTIALS**

HMC **ESSENTIALS FOR**  
STUNNING  
PRESENTATIONS

HMC **THE B-SCHOOL STUDENT**  
MASTERCLASS FOR  
CONSULTING  
PRESENTATIONS

HMC **MASTERING MICROSOFT**  
WORD

HMC **SQL SERVER FOR**  
ABSOLUTE BEGINNERS

HMC **MASTERING**  
GOOGLE SHEETS

HMC **INTRODUCTION TO**  
JAVASCRIPT WITH  
GOOGLE SHEETS

HMC **DATA ANALYTICS**  
AND  
VISUALIZATION

HMC **DAX ESSENTIALS**  
DATA MODELLING FOR  
BUSINESS INTELLIGENCE

HMC **POWER BI FOR FINANCE**

HMC **DATA VISUALIZATION**  
FOR  
BEGINNERS

HMC **ADVANCED**  
CALCULATIONS  
LOD (LEVEL OF DETAIL)  
EXPRESSIONS

HMC **PROGRAMMING**  
FOR ABSOLUTE  
BEGINNERS

HMC **INTERACT WITH EXCEL**

HMC **VISUALIZATION WITH**  
SEABORN

HMC **WEB SCRAPING**

HMC **R PROGRAMMING**  
FOR  
ABSOLUTE BEGINNERS

HMC **KNIME**  
FOR DATA SCIENCE AND  
MACHINE LEARNING

COURSE	HOURS
EXCEL BIBLE - MASTERING THE BASICS	3
MASTER DATA CLEANING AND PREPARATION	2
VLOOKUP - THE MASTER GUIDE	3
PIVOT TABLES - DATA ANALYSIS AND DASHBOARDS	2
ALL THE CHARTS YOU WILL EVER NEED	3
DATE FUNCTIONS FOR DATA ANALYSIS AND MODELLING	2
VBA PROGRAMMING FOR BEGINNERS	2
FINANCIAL FORMULAS FOR BEGINNERS	1
DYNAMIC ARRAYS - SUPERCHARGE EXCEL FORMULAS	1
DATA WRANGLING AND ETL USING POWER QUERY	3
60 SECOND TIPS	3
CUSTOMER ANALYTICS	2
STATISTICS ESSENTIALS FOR EXCEL	2
FUTURE OF EXCEL WITH JAVASCRIPT + TYPESCRIPT	1
MASTERING GOOGLE SHEETS	2
INTRODUCTION TO JAVASCRIPT WITH GOOGLE SHEETS	3
MASTER MICROSOFT WORD	3
ESSENTIALS FOR STUNNING PRESENTATIONS	3
THE B-SCHOOL STUDENT MASTERCLASS FOR CONSULTING PRESENTATIONS	2
SQL SERVER FOR ABSOLUTE BEGINNERS	1
POWER BI - DATA ANALYTICS AND VISUALIZATION	4
DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE	3
POWER BI FOR FINANCE	5
TABLEAU DATA VISUALIZATION FOR BEGINNERS	3
ADVANCED CALCULATIONS LOD (LEVEL OF DETAIL) EXPRESSIONS	3
PROGRAMMING FOR ABSOLUTE BEGINNERS	3
INTERACT WITH EXCEL	2
DATA VISUALIZATION WITH SEABORN	3
WEB SCRAPING	2
R PROGRAMMING FOR ABSOLUTE BEGINNERS	6
KNIME - DATA SCIENCE AND MACHINE LEARNING	1

# EXCEL BUNDLE

## EXCEL BUNDLE

**18 Courses**  
**40+ Hours of Content**

Basics, Data Cleaning, VLOOKUP,  
Pivot, Dashboards, Power Query,  
DAX, Financial Modelling,  
Statistics, Customer Analytics

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**School Online**



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MASTERING THE BASICS**

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**DATA CLEANING  
AND  
PREPARATION**

HMC



**VLOOKUP  
THE MASTER GUIDE**

HMC



**PIVOT TABLES  
DATA ANALYSIS AND  
DASHBOARDS**

HMC



**ALL THE CHARTS  
YOU WILL EVER NEED**

HMC



**DATE FUNCTIONS  
FOR DATA ANALYSIS AND  
MODELLING**

HMC



**VBA PROGRAMMING FOR  
BEGINNERS**

HMC



**FINANCIAL FORMULAS  
FOR  
BEGINNERS**

HMC



**DYNAMIC ARRAYS  
SUPERCHARGE EXCEL  
FORMULAS**

HMC



**DATA WRANGLING AND  
ETL USING POWER  
QUERY**

HMC



**FUTURE OF EXCEL WITH  
JAVASCRIPT  
+ TYPESCRIPT**

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**60 SECOND TIPS**

HMC



**CUSTOMER ANALYTICS**

HMC



**STATISTICS ESSENTIALS**

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**DAX ESSENTIALS  
DATA MODELLING FOR  
BUSINESS INTELLIGENCE**

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**INTERACT WITH EXCEL**

HMC



**GOOGLE SHEETS**

**MASTERING  
GOOGLE SHEETS**

HMC



**INTRODUCTION TO  
JAVASCRIPT WITH  
GOOGLE SHEETS**

COURSE	HOURS
EXCEL BIBLE - MASTERING THE BASICS	3
MASTER DATA CLEANING AND PREPARATION	2
VLOOKUP - THE MASTER GUIDE	3
PIVOT TABLES - DATA ANALYSIS AND DASHBOARDS	2
ALL THE CHARTS YOU WILL EVER NEED	3
DATE FUNCTIONS FOR DATA ANALYSIS AND MODELLING	2
VBA PROGRAMMING FOR BEGINNERS	2
FINANCIAL FORMULAS FOR BEGINNERS	1
DYNAMIC ARRAYS - SUPERCHARGE EXCEL FORMULAS	1
DATA WRANGLING AND ETL USING POWER QUERY	3
60 SECOND TIPS	3
CUSTOMER ANALYTICS	2
STATISTICS ESSENTIALS FOR EXCEL	2
FUTURE OF EXCEL WITH JAVASCRIPT + TYPESCRIPT	1
MASTERING GOOGLE SHEETS	2
INTRODUCTION TO JAVASCRIPT WITH GOOGLE SHEETS	3
DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE	3
INTERACT WITH EXCEL	2

# BUSINESS INTELLIGENCE BUNDLE

## BUSINESS INTELLIGENCE BUNDLE

6 Courses  
20+ Hours of Content

POWER BI, POWER BI FOR FINANCE,  
POWER QUERY, DAX, TABLEAU, LOD  
EXPRESSIONS

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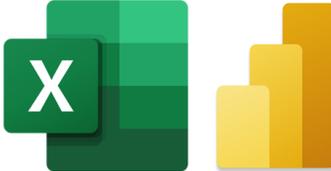


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**DATA ANALYTICS  
AND  
VISUALIZATION**

**HMC**



**DAX ESSENTIALS  
DATA MODELLING FOR  
BUSINESS INTELLIGENCE**

**HMC**



**DATA WRANGLING AND ETL  
USING POWER QUERY**

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**POWER BI FOR  
FINANCE**

**HMC**



**DATA VISUALIZATION  
FOR  
BEGINNERS**

**HMC**



**ADVANCED CALCULATIONS  
LOD (LEVEL OF DETAIL)  
EXPRESSIONS**

COURSE	HOURS
DATA WRANGLING AND ETL USING POWER QUERY	3
POWER BI - DATA ANALYTICS AND VISUALIZATION	4
DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE	3
POWER BI FOR FINANCE	5
TABLEAU DATA VISUALIZATION FOR BEGINNERS	3
ADVANCED CALCULATIONS LOD (LEVEL OF DETAIL) EXPRESSIONS	3

# POWER BI BUNDLE

## POWER BI BUNDLE

4 Courses  
15+ Hours of Content

Data Analytics and Visualization,  
AI Features, Data Modelling with  
DAX, ETL with Power Query,  
Power BI for Marketing, Power BI  
for Finance

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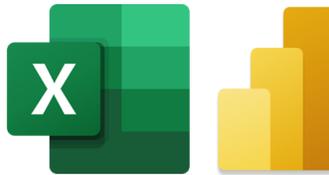


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**DATA ANALYTICS  
AND  
VISUALIZATION**

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**DAX ESSENTIALS  
DATA MODELLING FOR  
BUSINESS INTELLIGENCE**

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**DATA WRANGLING AND ETL  
USING POWER QUERY**

**HMC**



**POWER BI FOR  
FINANCE**

COURSE	HOURS
DATA WRANGLING AND ETL USING POWER QUERY	3
POWER BI - DATA ANALYTICS AND VISUALIZATION	4
DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE	3
POWER BI FOR FINANCE	5

# TABLEAU BUNDLE

## TABLEAU BUNDLE

2 Courses  
6+ Hours of Content

Data Visualization with Dynamic  
Dashboards, Advanced Tableau  
with LOD Expressions

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**DATA VISUALIZATION  
FOR  
BEGINNERS**



**ADVANCED CALCULATIONS  
LOD (LEVEL OF DETAIL)  
EXPRESSIONS**

COURSE	HOURS
TABLEAU DATA VISUALIZATION FOR BEGINNERS	3
ADVANCED CALCULATIONS LOD (LEVEL OF DETAIL) EXPRESSIONS	3

# MICROSOFT OFFICE BUNDLE

MS OFFICE BUNDLE

21 Courses

48+ Hours of Content

EXCEL

WORD

POWERPOINT

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# The Holy Trinity of office productivity



**INR 1299**

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<b>COURSE</b>	<b>HOURS</b>
<b>EXCEL BIBLE - MASTERING THE BASICS</b>	<b>3</b>
<b>MASTER DATA CLEANING AND PREPARATION</b>	<b>2</b>
<b>VLOOKUP - THE MASTER GUIDE</b>	<b>3</b>
<b>PIVOT TABLES - DATA ANALYSIS AND DASHBOARDS</b>	<b>2</b>
<b>ALL THE CHARTS YOU WILL EVER NEED</b>	<b>3</b>
<b>DATE FUNCTIONS FOR DATA ANALYSIS AND MODELLING</b>	<b>2</b>
<b>VBA PROGRAMMING FOR BEGINNERS</b>	<b>2</b>
<b>FINANCIAL FORMULAS FOR BEGINNERS</b>	<b>1</b>
<b>DYNAMIC ARRAYS - SUPERCHARGE EXCEL FORMULAS</b>	<b>1</b>
<b>DATA WRANGLING AND ETL USING POWER QUERY</b>	<b>3</b>
<b>60 SECOND TIPS</b>	<b>3</b>
<b>CUSTOMER ANALYTICS</b>	<b>2</b>
<b>STATISTICS ESSENTIALS FOR EXCEL</b>	<b>2</b>
<b>FUTURE OF EXCEL WITH JAVASCRIPT + TYPESCRIPT</b>	<b>1</b>
<b>MASTER MICROSOFT WORD</b>	<b>3</b>
<b>ESSENTIALS FOR STUNNING PRESENTATIONS</b>	<b>3</b>
<b>THE B-SCHOOL STUDENT MASTERCLASS FOR CONSULTING PRESENTATIONS</b>	<b>2</b>

# POWERPOINT BUNDLE

## POWERPOINT BUNDLE

2 Courses

5+ Hours of Content

ESSENTIALS FOR STUNNING  
PRESENTATIONS  
MASTERCLASS FOR B SCHOOL  
PRESENTATIONS

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**ESSENTIALS FOR  
STUNNING  
PRESENTATIONS**

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**THE B-SCHOOL STUDENT  
MASTERCLASS FOR  
CONSULTING  
PRESENTATIONS**

COURSE	HOURS
ESSENTIALS FOR STUNNING PRESENTATIONS	3
THE B-SCHOOL STUDENT MASTERCLASS FOR CONSULTING PRESENTATIONS	2

# DATA SCIENCE BUNDLE

## DATA SCIENCE BUNDLE

6 Courses  
17+ Hours of Content

INTRODUCTION TO PYTHON  
INTRODUCTION TO R  
INTRODUCTION TO KNIME

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**PROGRAMMING  
FOR ABSOLUTE  
BEGINNERS**

HMC



**INTERACT WITH EXCEL**

HMC



**VISUALIZATION WITH  
SEABORN**

HMC



**WEB SCRAPING**

HMC



**R PROGRAMMING  
FOR  
ABSOLUTE BEGINNERS**

HMC



**KNIME  
FOR DATA SCIENCE AND  
MACHINE LEARNING**

<b>COURSE</b>	<b>HOURS</b>
<b>PROGRAMMING FOR ABSOLUTE BEGINNERS</b>	<b>3</b>
<b>INTERACT WITH EXCEL</b>	<b>2</b>
<b>DATA VISUALIZATION WITH SEABORN</b>	<b>3</b>
<b>WEB SCRAPING</b>	<b>2</b>
<b>R PROGRAMMING FOR ABSOLUTE BEGINNERS</b>	<b>6</b>
<b>KNIME - DATA SCIENCE AND MACHINE LEARNING</b>	<b>1</b>

# PYTHON BUNDLE

## PYTHON BUNDLE

4 Courses  
10+ Hours of Content

PROGRAMMING FOR ABSOLUTE  
BEGINNERS  
INTERACT WITH EXCEL  
DATA VISUALIZATION WITH SEABORN  
WEB SCRAPING

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FOR ABSOLUTE  
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**INTERACT WITH EXCEL**

HMC



**VISUALIZATION WITH  
SEABORN**

HMC



**WEB SCRAPING**

<b>COURSE</b>	<b>HOURS</b>
<b>PROGRAMMING FOR ABSOLUTE BEGINNERS</b>	<b>3</b>
<b>INTERACT WITH EXCEL</b>	<b>2</b>
<b>DATA VISUALIZATION WITH SEABORN</b>	<b>3</b>
<b>WEB SCRAPING</b>	<b>2</b>

# MARKETING BUNDLE

## MARKETING BUNDLE

15 Courses  
35+ Hours of Content

EXCEL, POWERPOINT  
POWER BI, TABLEAU  
SQL, PYTHON

**HAVISH M**  
**CONSULTING**

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**CONSULTING**



**Havish Madhvapathy**  
**Founder – Havish M Consulting**

**40 Under 40 Analytics**  
**Indian Achievers Award for Young Entrepreneur**

**Consultant at Big 4, Big 3 and Investment Banking Firms**  
**Faculty at IIM BLACKI + Top 8 IITs**

**Authored 20 books**



**Harvard Business**  
**School Online**





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COURSE	HOURS
MASTER DATA CLEANING AND PREPARATION	2
VLOOKUP - THE MASTER GUIDE	3
PIVOT TABLES - DATA ANALYSIS AND DASHBOARDS	2
ALL THE CHARTS YOU WILL EVER NEED	3
DATE FUNCTIONS FOR DATA ANALYSIS AND MODELLING	2
CUSTOMER ANALYTICS	2
STATISTICS ESSENTIALS FOR EXCEL	2
ESSENTIALS FOR STUNNING PRESENTATIONS	3
THE B-SCHOOL STUDENT MASTERCLASS FOR CONSULTING PRESENTATIONS	2
POWER BI - DATA ANALYTICS AND VISUALIZATION	4
DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE	3
TABLEAU DATA VISUALIZATION FOR BEGINNERS	3
ADVANCED CALCULATIONS LOD (LEVEL OF DETAIL) EXPRESSIONS	3
PROGRAMMING FOR ABSOLUTE BEGINNERS	3
DATA VISUALIZATION WITH SEABORN	3

# FINANCE BUNDLE

FINANCE BUNDLE  
15 Courses  
35+ Hours of Content

EXCEL  
POWER BI  
PYTHON

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ALL THE CHARTS YOU WILL EVER NEED	3
DATE FUNCTIONS FOR DATA ANALYSIS AND MODELLING	2
VBA PROGRAMMING FOR BEGINNERS	2
FINANCIAL FORMULAS FOR BEGINNERS	1
DYNAMIC ARRAYS - SUPERCHARGE EXCEL FORMULAS	1
DATA WRANGLING AND ETL USING POWER QUERY	3
POWER BI - DATA ANALYTICS AND VISUALIZATION	4
DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE	3
POWER BI FOR FINANCE	5
PROGRAMMING FOR ABSOLUTE BEGINNERS	3
INTERACT WITH EXCEL	2

# ANALYTICS BUNDLE

## ANALYTICS BUNDLE

Taught at SRCC  
40+ Hours of Content

Excel, Power BI, Tableau, Python,  
Blockchain, Design Thinking  
Experienced Instructors from Hitachi  
Power Grids, DXC Technology, ex-Juniper

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# DATA AND BUSINESS ANALYTICS

TAUGHT AT  
SRCC

CERTIFICATE COURSE

40 HOURS OF CONTENT



LIFETIME ACCESS | FILES AND SOLUTIONS PROVIDED

- **Choosing the Right Career Path - Create Your Portfolio + Build your Resume**
- **Data Insights and Modelling using Microsoft Excel**
- **Business Intelligence and Automation on Power BI**
- **Data Visualization and Dashboard with Tableau**
- **Finance for Everyone**
- **Consulting for Everyone**
- **Introduction to Programming with Python**
- **Technology Bootcamp - Machine Learning and Artificial Intelligence**
- **Technology Bootcamp – Blockchain**
- **Design Thinking**
- **Storytelling with PowerPoint**
- **Introduction to Sustainability**



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# DATA AND BUSINESS ANALYTICS

## TAUGHT AT

### SRCC



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- **Technology Bootcamp - Blockchain**
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- **Storytelling with PowerPoint**
- Introduction to Sustainability

### INSTRUCTORS

**Havish Madhvapaty**  
40 under 40 Analytics, Author of 20 Books, MOS, MCT,  
Taught at IIM ABCLK

**Rohit Shenoy**  
Associate Director - Global Learning and Leadership  
Development at DXC Technology

**Sanjay Chandra Sikakollu**  
Business Intelligence Analyst (Finance) at Hitachi ABB Power  
Grids

**Anubhav Chaturvedi**  
Data Engineer - Hitachi ABB Power Grids, DevOps Engineer -  
United Nations & Reliance Jio, Blockchain Expert

**Nikhil Shah**  
Ex-Director Juniper Networks, Data Science & Blockchain  
Evangelist, 25 Year Telecom Veteran,  
Corporate Consulting, Ambassador@Broadband Forum



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# LINKS



**See Course Details:**

<https://www.havishmconsulting.com/mega-bundle>



**YouTube:**

<https://www.youtube.com/c/havishmadhvapaty>



**Buy from Shop:**

<https://www.havishmconsulting.com/shop>



**Medium:**

<https://medium.com/@havish-madhvapaty>



**GitHub:**

<https://github.com/havishmad>

# COURSE WISE LECTURES





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**EXCEL BIBLE  
MASTERING THE BASICS**

**3 HOURS**

**For absolute beginners**

**Get an introduction to the Microsoft Excel Interface – and a high-level overview of it's various features**

- INTRO**
- VERSIONS**
- INTERFACE AND NAVIGATION**
- EXCEL OPTIONS**
- HOME TAB**
- INSERT TAB**
- PAGE LAYOUT TAB**
- DATA TAB**
- FORMULAS TAB**
- DATA EXPLORER**
- REVIEW AND VIEW TAB**
- VBA**



## MASTER DATA CLEANING AND PREPARATION

**2 HOURS**

### Learn data cleaning features:

**LEFT, RIGHT, MID, LEN, FIND, LEN, REPT, SUBSTITUTE, UPPER, PROPER, LOWER, GO TO SPECIAL, FIND AND REPLACE, TEXT, CONCAT, TEXTJOIN, FLASHFILL**

- SEPARATE FIRST 3 CHARACTERS USING LEFT
- SEPARATE FIRST 3 / 4 CHARACTERS LEFT AND FIND
- EXTRACT MIDDLE 2 CHARACTERS USING MID
- EXTRACT RIGHT 8 CHARACTERS USING RIGHT
- PADDING OF FIRST TWO AND LAST TWO NUMBERS
- REPLACE LAST 8 CHARACTERS WITH "X" USING REPT
- SEPARATE FIRST NAME AND LAST NAME
- EXTRACTING FIRST, MIDDLE AND LAST NAME
- JOIN FIRST NAME AND LAST NAME USING CONCATENATE
- CREATE COMPLETE ADDRESS USING TEXTJOIN
- CREATE A COMPLETE SERIES USING CONCAT
- CONCATENATE WITH LINE BREAK
- COMBINE DATE USING TEXT
- CHANGE CASE USING UPPER, LOWER, PROPER
- CONVERT TEXT INTO NUMBERS USING VALUE
- REMOVE EXTRA SPACES USING TRIM
- REMOVING UNWANTED CHARACTERS USING SUBSTITUTE
- COUNT NUMBER OF WORDS USING SUBSTITUTE
- EXTRACT FILE NAME
- SEARCH FOR PATTERN USING SEARCH
- CREATE AN ORDINAL NUMBER
- REMOVE TITLES FROM NAME
- TEXT TO COLUMNS
- USING FIND AND REPLACE
- GO TO SPECIAL
- FILL BLANK CELLS
- HORIZONTAL SORT
- CLEAR FORMATS



## VLOOKUP – THE MASTER GUIDE

**3 HOURS**

### Master VLOOKUP beyond the basics

20+ varied Examples

Handle Errors like a Pro

**INDEX, MATCH, XLOOKUP, OFFSET, INDIRECT**

- Introduction to the Course
- Introduction to VLOOKUP
- VLOOKUP with Column Reference
- VLOOKUP with Range Name
- VLOOKUP with Table
- VLOOKUP with INDIRECT
- VLOOKUP with VALUE for Data Type Mismatch
- VLOOKUP with unclean names
- VLOOKUP with IFERROR
- VLOOKUP with Column Number Picker
- VLOOKUP with Multiple Column Search
- VLOOKUP based on Two Tables
- VLOOKUP based on Multiple Sheets
- VLOOKUP with results from Multiple Columns
- VLOOKUP with results from Multiple Columns - Advanced
- VLOOKUP with SUM
- VLOOKUP with Approximate Match
- VLOOKUP with Approximate Match without Table Array
- VLOOKUP with Approximate Match - Advanced
- VLOOKUP with Duplicate Values
- INDEX Function
- MATCH Function
- MATCH Function with match type
- INDEX + MATCH as replacement for VLOOKUP
- INDEX + MATCH for Data Type Mismatch on both sides
- INDEX + MATCH for Multi Column Search
- INDEX + MATCH with Case Sensitivity
- Introduction to XLOOKUP
- XLOOKUP with Multi Column Results
- XLOOKUP with Multi Column Search
- The OFFSET Function
- The INDIRECT Function



## PIVOT TABLES – DATA ANALYSIS AND DASHBOARDS

**2 HOURS**

**Create Dynamic Dashboards using Slicers and Timeline**  
**Use Charts effectively**  
**Use calculations**

- PIVOT TABLE INTRODUCTION
- CREATING YOUR FIRST PIVOT TABLE
- PIVOT TABLE INTERFACE AND DESIGN
- SUMMARIZE VALUES
- SHOW VALUES - RUNNING TOTAL
- PARETO CHART
- SHOW VALUES - % OF
- SHOW VALUES - DIFFERENCE FROM
- SHOW VALUES - % OF PARENT
- SHOW VALUES - % OF ROW, COLUMN, GRAND
- SLICER AND TIMELINE
- GROUPING DATES AND NON-DATES
- GETPIVOT DATA
- TOP 10 CUSTOMERS
- GETTING FREQUENCY
- COMPARE SUB-CATEGORY AGAINST OTHERS
- PROFIT AND SALES CORRELATION
- SEASONALITY
- % CONTRIBUTION USING HEATMAP
- TREND USING SPARKLINES
- AVOID VLOOKUP USING DATA MODEL
- CREATE DAX MEASURES
- COMBINE FILES FROM FOLDER
- CREATING MULTIPLE SHEETS IN 1 CLICK
- SETTING UP DASHBOARD



**ALL THE CHARTS YOU  
WILL EVER NEED**

**3 HOURS**

**Go beyond the basic charts**  
**Explore detailed chart formatting**  
**Create dynamic and advanced charts**  
**Choose the right chart types**

- CLUSTERED, STACKED, 100% COLUMN CHART
- CLUSTERED BAR, STACKED BAR, 100% STACKED BAR
- LINE AND STACKED LINE, AREA, STACKED AREA, 100% STACKED AREA
- PIE, DONUT, PIE OF PIE, BAR OF PIE
- SCATTER
- SURFACE AND CONTOUR
- RADAR
- TREEMAP AND SUNBURST
- WATERFALL
- FUNNEL
- FILLED MAP, 3D MAP
- SPARKLINES
- COMBO CHART
- BULLET CHART
- SHOW POSITIVE AND NEGATIVE VALUES
- HIGHLIGHT ONLY TOP N VALUES
- INFOGRAPHICS
- TRELIS CHART
- PARETO CHART
- GAUGE CHART
- LAYERED DONUT
- WAFFLE CHART
- STEP CHART
- TORNADO CHART
- THERMOMETER CHART
- HEAT MAP
- DYNAMIC PIVOT CHARTS - SLICERS AND TIMELINE
- PIVOT CHARTS - SEASONALITY, MOM, RUNNING TOTAL
- UPDATE AUTOMATICALLY
- SAVE AS TEMPLATE
- REFERENCE LINE
- DYNAMIC CHART USING FORM CONTROLS



## DATE FUNCTIONS FOR DATA ANALYSIS AND MODELLING

**2 HOURS**

Understand nuances of date and time format

Clean incorrect date format

Write complex calculations

DAY, MONTH, YEAR, WEEKDAY, EDATE, EOMONTH, WEEKDAY, NETWORKDAY,  
DATEDIF, TEXT, SEQUENCE

- SHORTCUTS - UNDERSTANDING HOW DATE AND TIME WORKS
- CUSTOM FORMATS USING TEXT
- CONSTRUCT AND DECONSTRUCT A DATE - DAY, MONTH, YEAR
- CALCULATE EXPIRY DATES AND BALANCE - EOMONTH AND EDATE
- DIFFERENCE BETWEEN DATES - NETWORKDAYS
- GOAL SETTING - WORKDAY
- HIGHLIGHT WEEKENDS
- REPLACE POSITION OF DAY AND MONTH
- FIND WEEKENDS
- ADDING UP HOURS
- FIND DATES IN RANGE
- FIND END OF QUARTER
- FIND RETIREMENT
- FIND DIFFERENCE IN MONTHS
- FIX INCORRECT DATE
- DIFFERENCE IN DAYS, MONTHS AND YEARS
- CONVERT DATE INTO STRING
- CREATE LIST OF DATES
- CREATE LIST OF DATES WITH SINGLE FUNCTION
- CREATE SCHEDULE
- DATE PICKER ADD-IN

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## VBA PROGRAMMING FOR BEGINNERS

**2 HOURS**

**Introduction to VBA Programming for absolute beginners**

**Learn coding fundamentals**

**Record Macro**

**Learn to Reuse Macros from Internet**

**Create your own Functions**

- INTRODUCTION TO VBA
- SETTING UP YOUR ENVIRONMENT
- WRITE YOUR FIRST CODE
- REWRITE YOUR FIRST CODE - IN NEW WAYS!
- HOW TO RUN CODE
- EXAMPLE - SERIAL NUMBER USING COUNTER AND LOOP
- EXAMPLE - SERIAL NUMBER USING USERFORM
- EXAMPLE - UNHIDE ALL SHEETS - BREAKING DOWN THE CODE
- RECORD YOUR FIRST MACRO
- EXAMPLE - CONDITIONAL FORMATTING
- CREATE YOUR FIRST UDF
- FUTURE OF VBA - INTRODUCTION TO TYPESCRIPT



## FINANCIAL FORMULAS FOR BEGINNERS

**1 HOUR**

## Finance for Everyone Loan, Investment and Discount Formulas

- LOAN FORMULAS
- CALCULATING A LOAN PAYMENT
- ANALYSIS OF LOAN PAYMENT
- BALLOON LOAN
- CALCULATING INTEREST COSTS
- CALCULATING THE PRINCIPAL AND INTEREST
- CALCULATING THE PRINCIPAL AND INTEREST - ADVANCED
- CALCULATING CUMULATIVE PRINCIPAL AND INTEREST
- AMORTIZATION SCHEDULE
- CALCULATING A LOAN TERM
- CALCULATING THE INTEREST RATE FOR A LOAN
- CALCULATING HOW MUCH CAN BE BORROWED
- INTRODUCTON TO INVESTMENT FORMULAS
- CONVERTING NOMINAL RATE TO EFFECTIVE RATE
- FUTURE VALUE
- FUTURE VALUE OF SERIES OF DEPOSITS AND LUMP SUM
- REQUIRED INTEREST, PERIOD AND DEPOSIT
- FUTURE VALUE WITH VARYING INTEREST RATES
- DISCOUNT FORMULAS - CALCULATING PV
- NPV AND IRR
- XNPV FOR VARYING CASH FLOWS
- XNPV AND XIRR
- MIRR



**DYNAMIC ARRAYS -  
SUPERCHARGE EXCEL  
FORMULAS**

**1 HOUR**

**Introduction to Dynamic Arrays**  
**SEQUENCE, LET, UNIQUE, SORT, SORTBY, FILTER, OFFSET, INDEX,  
MATCH**  
**Unary Operators**

- INTRODUCTION TO DYNAMIC ARRAYS
- CONCEPT OF #
- REPLACE SUMPRODUCT
- COUNT ERRORS
- REVERSE LIST
- DELIMITED LIST
- REMOVE BLANK VALUES AND ENTRIES
- FILTER SPECIFIC COLUMNS
- SUMIF WITH MULTIPLE CONDITIONS
- SEQUENCE OF DATES
- TOP N VALUES
- FILTER EVERY NTH VALUE
- DYNAMIC CHARTS WITH OFFSET
- CUSTOMER ANALYTICS



## DATA WRANGLING AND ETL USING POWER QUERY

**3 HOURS**

### Powerful ETL operations

Connect to hundreds of data sources

No-code platform with 300+ transformations

Works on Excel, Power BI, Power Automate, SSAS

- COMBINE DATA FROM MULTIPLE SHEETS
- INTRODUCTION TO THE INTERFACE
- COMBINE FROM MISMATCH COLUMNS
- COMBINE FROM MULTIPLE WORKBOOKS
- COMBINE FROM MISMATCH SHEETS
- COMBINE FROM MULTIPLE WORKBOOKS AND SHEETS
- GET A LIST OF ALL FOLDERS
- FILL MISSING VALUES
- LIST ALL POSSIBLE COMBINATIONS
- SPLIT BY DELIMITER
- SPLIT INTO ROWS
- COMBINE ROWS
- TARGET VS. ACHIEVEMENT
- FIND TOP ANALYST
- EXTRACT TEXT AND NUMBER
- UNPIVOT
- PARAMETRIZE GET DATA FROM SELECTED FILE
- RUNNING TOTAL
- REPLACE VLOOKUP
- GET DATA FROM INTERNET
- COLUMN FROM EXAMPLES
- CONNECT TO PDF
- CREATE DATE CALENDAR
- CALCULATE AGE
- CREATE INDEX COLUMN FOR GROUP
- RANDOM LIST

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## DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE

3 HOURS

Powerful Data Modelling Tool using Tabular engine

Uses

Works on Microsoft Excel, Power BI, Microsoft Analysis Services and Microsoft Power Pivot for Excel

- WHAT IS DAX
- OVERVIEW OF DATA AND INTERFACE
- FIRST DAX MEASURE
- PROFIT MARGIN
- SUMX
- PRACTICAL POWER BI EXAMPLES
- CALCULATE, FILTER AND ALL
- 3 WAYS TO FILTER
- HIGH TICKET TRANSACTIONS
- DISTINCTCOUNT
- ALLEXCEPT
- RANKX
- RANKX TOPN
- DATE TABLE AND YTD
- DATEADD, SAMEPERIODLASTYEAR, PREVIOUSMONTH
- USERRELATIONSHIP
- PARETO
- WHATIF
- GROUPBY
- IF AND SWITCH
- AVERAGE PER CATEGORY



## CUSTOMER ANALYTICS

**2 HOURS**

### Practical marketing analytics Tackle classic marketing problem statements

- LOST, REPEAT, NEW, LOYAL, RETURN CUSTOMERS
- CUSTOMER RETENTION RATE
- TOP N CUSTOMERS, RECENT N TRANSACTIONS RUN RATE
- CUSTOMER COHORT
- CUSTOMER ORDER FREQUENCY
- DAILY PROFIT KPI
- NEW CUSTOMER ACQUISITION

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**STATISTICS ESSENTIALS  
FOR EXCEL**

**2 HOURS**

**Statistics for everyone**

**Learn key statistics concepts used in the corporate  
Use Data Analysis ToolPak**

- WHY LEARN STATISTICS**
- DESCRIPTIVE STATISTICS**
- PERCENTILES AND BOX WHISKER PLOT**
- CORRELATION**
- REGRESSION**
- FORECASTING**

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## FUTURE OF EXCEL WITH JAVASCRIPT + TYPESCRIPT

**1 HOUR**

Take a peek at the future of Excel  
JavaScript Add-ins  
TypeScript (VBA for Excel Online)

- INTRODUCTION
- DOCUMENTATION
- ADD-INS
- SCRIPT LAB
- SCRIPT EDITOR
- WAY FORWARD



Google Sheets



Google Sheets

**MASTERING GOOGLE SHEETS**

**2 HOURS**

## Master Google Sheets

- ANALYSIS WITH PIVOT TABLES
- ARRAYFORMULA()
- INSERT CHECKBOXES
- COMMENT
- CONDITIONAL FORMATTING
- CONNECT TO DOC AND SLIDES
- CONNECT TO FORM FOR SURVEYS
- ADD BORDERS
- DATA VALIDATION
- EXPLORE + QUERY
- FUNCTION HELP
- GOOGLETRANSLATE() FINANCE()
- IMAGES()
- IMPORTRANGE(), IMPORTHTML(), IMPORTFEED()
- ISEMAIL() HYPERLINK()
- SHORTCUTS AND SEARCH
- LOCK THE HEADER
- NAMED RANGES AND PROTECTION
- PASTE SPECIAL VALUES
- SCRIPT EDITOR, MACROS AND ADD-ONS
- SHARING
- SHOW FORMULAS INSTEAD OF RESULTS
- SLICER FEATURE
- SPARKLINE()
- TEXT CLEANING
- UNICHAR EMOJIS
- UNIQUE()
- USE TEMPLATES
- USE THEMES
- VERSION CONTROL AND EDIT HISTORY
- WORK OFFLINE

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Google Sheets Google Apps Script

## INTRODUCTION TO JAVASCRIPT WITH GOOGLE SHEETS

**3 HOURS**

## Introduction to Google Sheets Macro Recorded and Automation Learn JavaScript easily using Google Sheets platform

- WHAT IS APPS SCRIPT
- WRITE FIRST MACRO
- RECORDING MACRO ON EXCEL VS GOOGLE SHEET VS EXCEL ONLINE
- CUSTOM FUNCTIONS
- VARIABLES AND DATA TYPES
- OPERATORS AND CONDITIONALS
- FUNCTIONS
- ARRAYS
- OBJECTS
- LOOPS
- SPREADSHEET SERVICE AND GETTING DATA OUT OF SHEETS
- GET DATA FROM AND SET DATA INTO SHEETS
- ADDING CUSTOM MENUS AND FORMULAS
- FORMATTING



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**W**

## **MASTERING MICROSOFT WORD**

**2 HOURS**

### **Master Microsoft Word**

**Explore all Word options in detail**

**Create professional documents**

**Work efficiently with Excel data**

- WHAT VERSION YOU NEED**
- WALKTHROUGH THROUGH OPTIONS**
- NAVIGATING WITH SHORTCUTS**
- READING VIEWS**
- PAGE LAYOUT**
- WORKING WITH TEXT**
- WORKING WITH TABLES PART 01**
- WORKING WITH TABLES PART 02**
- WORKING WITH IMAGES, VIDEOS, SMARTART PART 01**
- WORKING WITH IMAGES, VIDEOS, SMARTART PART 02**
- PROOF, SHARE, COLLABORATE**
- PRINT DOCUMENTS**
- MAIL MERGE**
- ADD-INS**
- ACADEMIC REFERENCES**



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## ESSENTIALS FOR STUNNING PRESENTATIONS

**3 HOURS**

**Create high-quality slides**  
**Use Morph and Animation**  
**Get creative and control handle objects like a pro**  
**Use Storytelling guidelines**

- NAVIGATION
- SHORTCUTS
- CREATE ALIGNED DUPLICATES
- SYMMETRICAL SHAPES | ROTATION
- EYEDROPPER
- LOCK DRAWING MODE
- GROUP
- WORK WITH LAYERS AND TRANSPARENCY
- WORK WITH LAYERS - SELECTION PANE
- MERGE SHAPES
- GRADIENTS
- CUSTOM SHAPES
- CONNECTORS AND ALIGN
- CONVERT TO SMARTART
- UNGROUP SMARTART
- MANAGE TEXT
- DESIGN IDEAS
- ALIGN IMAGES
- REMOVE BACKGROUND
- MAGNIFIER
- CREATE EDITABLE SHAPES
- EDIT SVG
- WORK WITH STOCK IMAGES, ICONS, 3D MODELS
- INSERT YOUTUBE VIDEO, AUDIO AND VIDEO
- START WITH ANIMATIONS
- WORK WITH MORPH TRANSITIONS
- TRANSITIONS AND SLIDESHOW
- INSERT ZOOM
- CONNECT TO EXCEL
- CHART ANIMATIONS
- EXPORT AS VIDEO, SAVE AS JPEG
- SAVE AS POWERPOINT SHOW - PROTECT POWERPOINT
- CONSULTING PRESENTATIONS

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**THE B-SCHOOL STUDENT  
MASTERCLASS FOR  
CONSULTING  
PRESENTATIONS**

**2 HOURS**

**Create high-quality slides  
Deconstruct consulting reports and presentations  
Excel at B-School competitions**

- REFERENCES
- COLORS
- SHAPES
- EXAMPLES



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**SQL SERVER FOR  
ABSOLUTE BEGINNERS**

**1 HOUR**

**Introduction to SQL for absolute beginners**  
**Universal language popular among data analysts, data engineers and data scientists**

- WHY LEARN SQL**
- LOGIN TO SQL SERVER**
- INTERFACE**
- INSTALL A SAMPLE DATABASE**
- CREATE DATABASE ON SERVER**
- TYPES OF DATA**
- CREATE A DATA TABLE**
- RELATIONSHIP WITH KEYS**
- SELECT STATEMENT**
- FUNCTIONS**
- UPDATE AND INSERT**
- VIEWS**

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## POWER BI - DATA ANALYTICS AND VISUALIZATION

**4 HOURS**

### Introduction to Power BI – the number 1 Business Intelligence tool in the market

- WHAT IS POWER BI + DOWNLOAD
- INTERFACE AND CONNECTING TO DATASETS
- YOUR FIRST DASHBOARD
- DEEP DIVE INTO YOUR FIRST CHART
- CHARTS (BAR - COLUMN - AREA - LINE - COMBO - RIBBON - FORECAST - WATERFALL - FUNNEL)
- CHARTS (SCATTER - PIE - DONUT - TREEMAP - TABLE - MATRIX - MAP - DECOMPOSITION)
- AI VISUALS (ANALYZE - SUMMARIZE - QandA)
- CUSTOM VISUALS (SANKEY - CHORD - BOX-WHISKER - PULSE - ANIMATED BAR - MEKKO - BUBBLE)
- ADVANCED VISUALS (INFOGRAPHIC DESIGNER - CHARTICULATOR - SDK)
- INTERACTION - SLICER - FILTER - BOOKMARK - CUSTOM TOOLTIPS
- POWER QUERY (COMBINE FILES - MERGE - CLEAN AND PREP)
- POWER QUERY (COLUMN FROM EXAMPLES - CONDITIONAL COLUMN - FUNCTIONS)
- DAX (CALCULATED COLUMNS - DATE TABLES - MEASURES - DATA MODELS)
- POWER BI SERVICE (PUBLISH - SHARE - EMBED - DASHBOARD - REFRESH - DATAFLOWS)



**DATA WRANGLING AND  
ETL USING POWER  
QUERY**

**3 HOURS**

**Powerful ETL operations**

**Connect to hundreds of data sources**

**No-code platform with 300+ transformations**

**Works on Excel, Power BI, Power Automate, SSAS**

- POWERFUL ETL OPERATIONS**
- CONNECT TO HUNDREDS OF DATA SOURCES**
- NO-CODE PLATFORM WITH 300+ TRANSFORMATIONS**
- WORKS ON EXCEL, POWER BI, POWER AUTOMATE, SSAS**



## DAX ESSENTIALS - DATA MODELLING FOR BUSINESS INTELLIGENCE

**3 HOURS**

### Powerful Data Modelling Tool using Tabular engine

Uses

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- OVERVIEW OF DATA AND INTERFACE
- FIRST DAX MEASURE
- PROFIT MARGIN
- SUMX
- PRACTICAL POWER BI EXAMPLES
- CALCULATE, FILTER AND ALL
- 3 WAYS TO FILTER
- HIGH TICKET TRANSACTIONS
- DISTINCTCOUNT
- ALLEXCEPT
- RANKX
- RANKX TOPN
- DATE TABLE AND YTD
- DATEADD, SAMEPERIODLASTYEAR, PREVIOUSMONTH
- USERRELATIONSHIP
- PARETO
- WHATIF
- GROUPBY
- IF AND SWITCH
- AVERAGE PER CATEGORY



## POWER BI FOR FINANCE

3 HOURS

## Financial Ratios and Stock Market Datasets Financial Dashboards

- ABOUT THE COURSE
- WHY LEARN POWER BI IN FINANCE
- VISUALIZATIONS - GETTING TO KNOW THE DATA
- CONNECTING TO OUR DATA
- CREATING DATE TABLE
- COLUMN CHART, TOOLTIP, HIERARCHY, SLICER
- AREA CHART + STEPPED CHART - AVERAGE AMOUNT
- LINE CHART WITH FORMATTING - SECTOR COMPARISON
- COMBO CHART - AMOUNT VS ROE RATIO
- RIBBON CHART - AVERAGE EPS RATIO, MOM CHANGE
- WATERFALL CHART - AVERAGE AMOUNT
- DOT PLOT - ESG RANKING VS PE RATIO
- SCATTER CHART - PE RATIO VS AVERAGE ESG RANKING
- SCATTER CHART - CLUSTERS
- SMALL MULTIPLES
- MATRIX AND TABLE
- PIE CHART AND TREEMAP
- TOOLTIPS
- EDIT INTERACTIONS AND BOOKMARKS
- Q&A
- WHAT IS POWER QUERY
- COMBINE FROM FOLDER - EXPLAIN STEPS
- EXTRACT PARTS OF DATE
- CONDITIONAL COLUMN
- CALCULATED COLUMN
- COLUMN FROM EXAMPLES
- INTRODUCTION TO DAX
- GETTING TO KNOW THE DATA
- DATE TABLES
- CALCULATED COLUMN VS MEASURE - VOLATILITY DIFFERENCE - AVERAGEX
- DIFFERENCE BETWEEN INVESTMENT TYPE - CALCULATE, FILTER
- AMOUNT SUM - ALL, ALLSELECTED
- EXCLUDE TWO SECTORS - FILTER, NOT, IN
- AVERAGE OF MAX PE RATIO FOR COMPANIES IN SECTOR - AVERAGEX, VALUES, MAX
- COMPARE TWO SECTORS - VARIABLE, CONCATENATEX, COUNTROWS, LEFT, RIGHT, FIND, LEN, IF
- AMOUNT YTD - DATESYTD, TOTALYTD
- AMOUNT QOQ CHANGE - DATEADD, DIVIDE, SWITCH, UNICHAR, BLANK
- AVERAGE ROLLING AVERAGE - DATESBETWEEN, ENDOFMONTH, STARTOFMONTH, CALCULATETABLE, SUMMARIZE, VALUES
- AMOUNT RUNNING TOTAL - FILTER, ISONORAFTER, ALLSELECTED, MAX
- AVERAGE YTD MONTH WISE - TOTALYTD, BLANK, DISTINCTCOUNT
- RANK PE RATIO - HASONEFILTER, RANKX, ALL, ALLSELECTED
- TOPN COMPANIES - HASONEVALUE, MAXX
- PARETO % AMOUNT FOR COMPANY - TOPN, HASONEFILTER, RANKX, ALL, DIVIDE



HMC



## TABLEAU DATA VISUALIZATION FOR BEGINNERS

3 HOURS

## Introduction to Tableau – the most popular and data visualization tool in the market

- THE BUSINESS INTELLIGENCE LANDSCAPE + TABLEAU VERSIONS + DOWNLOADING TABLEAU
- TABLEAU HELP
- OVERVIEW OF THE INTERFACE
- CONNECTING TO SUPERSTORE DATA - DATA SOURCE VIEW - DATA TYPES
- OVERVIEW OF THE SHEET - DIMENSIONS AND MEASURES - CARDS
- WHAT WE WILL LEARN
- MAKE YOUR FIRST VISUAL + UNDERSTANDING MARKS CARD
- TEXT TABLE
- HEAT MAP
- HIGHLIGHT TABLES
- MAPS PART 1
- MAPS PART 2
- PIE CHARTS + TREEMAPS
- HORIZONTAL BARS + STACKED BARS + REFERENCE LINES
- LINE CHARTS - UNDERSTANDING AGGREGATION AND GRANULARITY
- DUAL AXIS CHARTS
- DUAL COMBINATION CHARTS
- FORECASTING
- SCATTER PLOTS
- PACKED BUBBLES + PAGES + ANIMATIONS
- CALCULATED FIELDS - PROFIT MARGIN
- LOLLIPOP CHART + BAR IN BAR
- CALCULATED FIELDS - PROFIT LOSS
- CALCULATED FIELDS - HIGH MID LOW
- PARAMETERS - TOP N CUSTOMERS ON TREEMAP
- EXPORT + TOOLTIP + DASHBOARD + STORY
- WRAPPING UP - COURSE
- LEVEL OF DETAIL
- DONUT CHART
- SPARKLINES

**HMC**



**ADVANCED  
CALCULATIONS LOD  
(LEVEL OF DETAIL)  
EXPRESSIONS**

**3 HOURS**

## **Introduction to Tableau calculations for advanced operations**

- WHAT IS LOD**
- FIXED**
- EXCLUDE**
- CUSTOMER ORDER FREQUENCY**
- CUSTOMER COHORT**
- DAILY PROFIT KPI**
- PERCENT OF TOTAL**
- NEW CUSTOMER ACQUISITION**
- COMPARATIVE SALES ANALYSIS**
- AVERAGE TOP DEALS BY SALES REP**
- TARGET VS PROFIT AT PRODUCT LEVEL**
- RETURN PURCHASE BY COHORT**
- USER LOGIN FREQUENCY**
- PROPORTIONAL BRUSHING**



HMC



**PROGRAMMING FOR  
ABSOLUTE BEGINNERS**

**3 HOURS**

**Introduction to programming – one of the most popular programming languages for everyone**

- WHAT IS PYTHON AND WHY LEARN IT
- INSTALLING PYTHON AND ANACONDA
- WHAT IS AN IDE
- INTRODUCTION TO JUPYTER NOTEBOOK
- SYNTAX
- COMMENTS
- VARIABLES
- DATA TYPES - NUMBERS
- CASTING AND STRINGS
- BOOLEANS AND OPERATORS
- COLLECTION TYPES - LISTS
- TUPLES
- SETS AND DICTIONARIES
- IF ELSE
- WHILE AND FOR LOOPS
- FUNCTIONS
- LAMBDA
- ARRAYS
- CLASSES AND OBJECTS
- ITERATORS
- SCOPE
- MODULES
- DATES
- TRY EXCEPT

HMC



**INTERACT WITH EXCEL**

**2 HOURS**

## Connect Python to Excel using pyxl

- INTRODUCTION TO OPENPYXL
- INSTALL THE LIBRARY, CREATE A SIMPLE WORKBOOK
- LOAD A WORKBOOK, CHECK SHEET NAME, CELL VALUE
- CHECK VALUE FROM ROW COLUMN
- CREATE A JSON FILE
- CLASSES FOR READABILITY
- ADD METHOD
- APPENDING DATA, ADD AND DELETE ROW COLUMN
- SELECT SPECIFIC SHEETS, RENAME, CREATE, DELETE
- FREEZE PANES
- APPLY FILTERS
- FORMULAS
- FORMATTING
- CONDITIONAL FORMATTING
- IMPORT IMAGES
- CHARTS
- PANDAS DATAFRAME
- CHECK FILES IN FOLDER
- SWAP COLUMN LETTER AND NUMBER
- RUN LOOP
- MERGE CELLS
- OLDER EXTENSIONS
- COMBINE MULTIPLE EXCEL FILES, APPLY MERGE

HMC



**DATA VISUALIZATION  
WITH SEABORN**

**3 HOURS**

## Connect Python to Excel using pyxl

- THE BUSINESS INTELLIGENCE LANDSCAPE + TABLEAU VERSIONS + DOWNLOADING TABLEAU
- TABLEAU HELP
- OVERVIEW OF THE INTERFACE
- CONNECTING TO SUPERSTORE DATA - DATA SOURCE VIEW - DATA TYPES
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- CALCULATED FIELDS - PROFIT LOSS
- CALCULATED FIELDS - HIGH MID LOW
- PARAMETERS - TOP N CUSTOMERS ON TREEMAP
- EXPORT + TOOLTIP + DASHBOARD + STORY
- WRAPPING UP - COURSE
- LEVEL OF DETAIL
- DONUT CHART
- SPARKLINES

HMC



**WEB SCRAPING**

**2 HOURS**

**Extract data from websites automatically using BeautifulSoup**

- INTRODUCTION TO WEB SCRAPING
- INTRODUCTION TO REGEX
- REGEX WITH HTML
- BEAUTIFULSOUP
- MECHANICALSOUP
- INTERACT REAL-TIME
- BBC WEB SCRAPING EXAMPLE





**R PROGRAMMING FOR  
ABSOLUTE BEGINNERS**

**5 HOURS**

**One of the best software environment for statistical computing  
and graphics**

- ❑ **INSTALL R**
- ❑ **DATA VISUALIZATION 01**
- ❑ **DATA VISUALIZATION 02**
- ❑ **WORKFLOW: BASICS**
- ❑ **DATA TRANSFORMATION 01**
- ❑ **DATA TRANSFORMATION 02**
- ❑ **EXPLORATORY DATA ANALYSIS**
- ❑ **DATA WRANGLING - TIBBLES AND TIDY DATA**
- ❑ **RELATIONSHIPS**
- ❑ **STRINGS**
- ❑ **FACTORS**
- ❑ **DATES AND TIMES**
- ❑ **PROGRAM - PIPES, FUNCTIONS, VECTORS**
- ❑ **MODEL BASICS**



Open for Innovation

**KNIME**



**R PROGRAMMING FOR  
ABSOLUTE BEGINNERS**

**5 HOURS**

**Open-source data analytics, reporting and integration platform  
Uses modular data pipelining**

- WHAT IS KNIME
- INTERFACE
- INSTALL EXTENSIONS
- SCATTERPLOT AND BOXPLOT
- JOIN AND GROUPBY
- FORMULAS
- COLUMN FILTER
- ROW SAMPLING
- ROW FILTER AND MISSING VALUES
- WHAT IS KNIME
- INTERFACE
- INSTALL EXTENSIONS
- SCATTERPLOT AND BOXPLOT
- JOIN AND GROUPBY
- FORMULAS
- COLUMN FILTER
- ROW SAMPLING
- ROW FILTER AND MISSING VALUES
- SPLITTER AND SORTER
- REGRESSION
- DECISION TREE
- INTEGRATIONS

# LINKS



**See Course Details:**

<https://www.havishmconsulting.com/mega-bundle>



**YouTube:**

<https://www.youtube.com/c/havishmadhvapaty>



**Buy from Shop:**

<https://www.havishmconsulting.com/shop>



**Medium:**

<https://medium.com/@havish-madhvapaty>



**GitHub:**

<https://github.com/havishmad>



**SoundCloud:**

<https://soundcloud.com/havish-madhvapaty-867421796>

# RECOMMENDATIONS





**Ritesh Sharma**  
 Director Finance & Chief Financial  
 Officer at Allianz Partners



"Training was interesting and interactive,  
 and very well received.  
 Everyone was very excited post training."



**Amrita Kachroo Binu**  
 Head - Organization and Talent  
 Development at Metropolis  
 Healthcare



"Overwhelming feedback on the training."



**Anurag Sharma**  
 Regional L&D Manager – Asia at  
 Aramex



"He has an uncanny ability to understand  
 the audience and provide the best possible  
 learning experience and outcomes!"



**Kushal Sinha**  
 Director at Strategy&



"Havish adapts to audience requirements  
 and enables the team to pick things up and  
 run themselves.  
 He covers advanced analytics techniques  
 focusing on problem solving techniques."



**Iryna Oksiuk**  
 Advisory Corporate at PwC India



"Havish is a great coach and trainer. He  
 focuses on small details and paces the  
 training adopting to the group."



**Rahul Narang**  
 Associate Director at  
 Standard Chartered Bank



"Very informative workshop. He explains  
 concepts through examples for better  
 understanding."



**Jaymala Lanjewar**  
 Regional Planning Manager at  
 Johnson & Johnson



"Havish is an excellent trainer in Microsoft  
 products including Excel, Power Query,  
 Power BI and VBA. Fully recommended for  
 any training needs."



**Vaibhav Wardhan**  
 AVP – Spend Analytics & Category  
 Management



"Great training. Interesting and easy to  
 understand."



**Akansha Kashyap**  
 PGDM Class of 2021 at  
 IIM Ahmedabad



"Havish conducted sessions on Power BI  
 and Tableau. We were honored to have him  
 as the first speaker of FIIs Sparkup series."



**ICON**  
 PGDM Class of 2021  
 IIM Bangalore



"Havish conducted a workshop on key  
 features on Excel and PowerPoint which will  
 help in the corporate world."



**Analytics Club**  
 PGDM Class of 2020  
 IIM Calcutta



"Thanks for sharing future prospects and  
 changing dynamics of industry."



**Abhishek Arora**  
 PGDM Class of 2020 at IIM  
 Lucknow



"Honored to have as a Guest Speaker for  
 Power BI, Tableau and Advanced Excel.  
 Thank you for an engaging session."

# SAMPLE CERTIFICATE

## CERTIFICATE OF COMPLETION

MICHAEL SCOTT

This certifies that the student has successfully  
completed the course

POWER BI DATA VISUALIZATION

Issued on: 01 JANUARY 2022



**HAVISH MADHVAPATY**  
FOUNDER - HAVISH M. CONSULTING



**Harvard Business  
School Online**



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