



# Data Analytics

Data Analytics ( DA) is the process of examining data sets in order to find trends and draw conclusions about the information they contain. increasingly, data analytics is done with the aid of specialized systems and software.



## Learn Advance Excel

Introduction to Excel  
Basic Functions  
Tabs and Ribbons  
Home Tab  
Number Formatting  
Advance Conditional Formatting  
Paste Special

Insert Tab  
Page Layout Tab  
Data Tab  
Data Filtrations  
Data Sorting / Validation  
What If analysis  
Goal Seek  
Scenario Manager  
Sub Total  
Consolidation  
Working With Charts  
Pivot Table  
Pivot Chart with Report  
Data And Time Function  
Text Function  
Mathematical Functions

Statistical Function  
Financial Function  
Logical Function  
Conditional Functions  
Lookup Functions  
Database Functions  
Array Functions  
Debugging Functions  
Working With Macros  
MIS Reporting  
Setting up Formulas  
Advance Level  
Short-cut keys  
Protection And Security  
Advance Printing Features



## Learn Python Language

Basic Python Syntax  
Data Types  
Data Opeators  
List / Tuples / Dictionary  
Function  
Modules  
Files Input / Output

Exceptional Handling  
Class  
Object  
GUI Programming  
Database Access  
Multithreading



## Learn SQL SERVER

Introduction To SQL Server  
Database And Types  
Simple Queries  
Sub Queries  
Queries Using Joins  
Using Aggregate Function

Constraints  
Working With Views  
Stored Procedures  
Triggers  
Import / Export



## Power BI

Introduction To Power BI  
Business Intelligence  
Self Service Business Intelligence  
Flow Of Power BI  
Components Of Power BI  
Overview Of Power BI desktop  
Data Source In Power BI desktop  
Connecting To a Data Source  
Query Editor In Power BI  
Query Ribbon

Views In power BI desktop  
Modeling Data  
Manage Data Relationship  
Cross Filter Direction  
Create Calculated Tables and Measure  
Optimizing Data Models  
PBIDS Files  
DAX Syntax  
Data Types In DAX  
Ranking And Rank Over Groups  
Filter And Evaluation Context  
Context Interactions  
Calculation Types  
DAX Functions  
Create Simple And Compound Measure  
DAX Parameter naming  
Modifying Colors in charts and visuals  
Shape , Text box , Image

DAX Operators  
DAX Queries  
Schema Relations  
Star Scheme Design  
DAX Parameter  
Power BI  
Data Caching And Refresh  
Map Visualizations  
Explore Time Based Data  
Power BI Report Server  
Advanced Analytics  
Dashboard Vs Reports  
Matrixes and Tables  
slicer  
Connectivity Modes  
Import Power View  
Power Pivot To Power BI  
DAX Functions