



VEDANT WISE TECHNOLOGIES PVT.LTD.

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ROADMAP FOR DATA ANALYTICS TRAINING

1. ADVANC EXCEL

- Introduction to UI
- Working on Rows and Columns
- Editing and Customizing Data
- Paste Special
- Working on Sheets
- Basic Formula and Functions
- Find, Select, Replace etc.
- Filling and Copying
- Cell Reference
- Subtotal
- Text Function
- Logical or Comparative Operators
- Text Operation
- IF and IFs Functions
- DataBase Functions
- Logical Functions
- Speak cells, Show forumula
- Basic unconditional formating in Excel
- Protection in Excel
- Formula auditing
- Nominal, Sorting and Filtering
- Tables in Excel
- Printing
- Data Validation and Drop Down
- Index, Match
- LOOKUP in Excel
- Conditional Formating
- Date and Time Functions
- Pivot Tables in Excel
- Charts in Excel
- Excel Power Query
- Excel Dashboarding

- 3+ projects

POWER BI

- Basic Charts in PowerBI
- Working with Maps
- Table and Matrix
- Cards and Filters
- Slicer in Power BI
- Advance Charts in Power BI
- Power BI Service

- Power Query
- 4 Projects

SQL

- Relational Database Fundamentals
- Steps to Design Efficient Relational Database Models
- Case Studies on Designing Database Models
- Case Study Implementation on Handling Data
- Importing / Exporting Large Amount of Data into a database
- SQL Statements - DDL, DML, DCL, DQL
- Writing Transactional SQL Queries, Merging, joining, sorting, indexing, corelated queries, etc.
- Hands-on Exercises on Manipulating Data Using SQL Queries
- Creating Database Models Using SQL Statements
- Individual Projects on Handling SQL Statements
- 1 Complete Project + additional projects

PHYTHON

- Introduction and SetUp
- Numbers
- Strings
- List
- Dictionaries
- Tuples
- Sets
- Control Flow
- Loops
- Functions
- Adding Interactions with Input

- Object Oriented Programming
- Modules and Packages
- Errors and Exceptions Handling
- Decorators
- Generators
- Working with Data Bases
- The Collection Module
- Regular Expressions

TABLEAU

Introduction to Data Visualization and Power of Tableau

Architecture of Tableau

Working with Metadata & Data Blending

Creation of sets

Working with Filters

Organizing Data and Visual Analytics

Working with Mapping

Working with Calculations & Expressions

Working with Parameters

Charts and Graphs

Dashboards and Stories

Tableau Prep