

Data Analytics Professional Certificate

Duration : 300 Hrs.

Excel

- Data aggregations using pivot tables
- Data visualization using pivot charts
- Complex Functions
- Filter data in multiple pivot tables
- Create aggregate reports

SQL

- SQL structure and basics
- Basic query writing JOINS, UNIONS, etc.
- Aggregate functions – Syntax and usage
- Data types – Definition and usage

Python /R Programming

- Python terminology and basics
- Data types and operating functions
- Python libraries
- Error checking and data cleanup
- Basic statistical analysis

Tableau / Power BI

- Data characteristics and data types
- Filter and subcategory creation using one measure
- Tables – Types and usage
- Calculated fields – Plot, usage and interpretation
- Basic vs aggregate calculations
- Dashboard and data stories creation

Project