



Data Analytics Using Python

Start coding in Python and learn how to use
it for analysis

SYLLABUS/ COURSE CONTENT

TIME DURATION: 3.5 MONTHS

Course Overview

- Overview of Datascience
- Data Analytics Overview
- Why Data Analytics using Python

Python

- Introduction
- Python installation
- Working with python
- Basic syntax and first program
- Variable : Naming convention , Scope
- Data Types & Type Casting
- Strings
- Conditional Statements: If, If-else, Elif, Nested if-else
- Loops and conditional
- List
- Tuples
- Dictionaries
- Set , set operators
- Arithmetic operators : Logical, comparison
- Operations (append, extend, sort, pop, insert, remove, count, max, min, count, length, index)

- **Mathematical Computing with python(NumPy)**
- **Scientific Computing with Python(SciPy)**
- **Data Manipulation with Pandas**
- **Python for Data Visualization-Matplotlib**
- **Python Data Visualization – Seaborn**
- **Statistics & Probability**
- **EDA (Exploratory Data Analysis(EDA))**
- **Data Cleaning**
- **Data Visualization**
- **Query Analysis**

For More Details: Visit our website at: <https://www.innozant.com/>

Call / WhatsApp: 7065069985

You can also visit our institute at the following address.

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