JOB GUARANTEE 100% QUALITY TRAINING
*Conditions Apply.

Certificate Course in
DATA Analytics ^{SM}

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Since 1996

Duration: 6 Months

The Data Analytics course is a comprehensive program designed to equip learners with the necessary skills and knowledge required to effectively analyze and interpret data. The course covers a range of topics including programming languages such as Python and R, as well as databases such as MS SQL. Students will also learn about data visualization tools such as PowerBI and Tableau, which enable them to create impactful and visually appealing reports and dashboards. Additionally, the course includes instruction on Visual Basic Editor, an essential tool for automating data tasks and streamlining workflows. Overall, this course is an excellent choice for anyone seeking to develop a solid foundation in data analytics and to gain practical experience using some of the most widely used tools in the industry.

Career Opportunities: Career opportunities with this skillset, you can work as Data Analyst, Business Intelligence Analyst, Data Scientist, Business Analyst, or Data Engineer Data Analysts, are in high demand.

Program Contents

Advance Excel
Basic Functions
Number Formatting
Advance Conditional Formatting
Paste Special
Insert Tab
Page Layout Tab
Data Tab / Data Filtrations
Data Sorting / Validation
Whatif Analysis
Goal Seek
Scenario Management
Sub Total / Consolidation
Working with Charts
Macros
Pivot Table
Pivot Charts with Report
Date and Time Functions
Text Functions
Mathematical Functions
Statistical Functions
Financial Functions
Logical Functions
Conditional Functions
Lookup Functions

Database Functions
Array Functions
Debugging Formulas
Working with Macros
MIS Reporting
Shortcut Keys
Page and Margin Setup
Protection and Security
Advance Printing Features
VBA
Working with Visual Basic Editor
Introduction to Excel Object Model
Sub and Function Procedures
Understating of II
Select Case, With End with Statements
Looping with VBA
User Defined Function
Some Commonly Used Macro Examples
Error Handling
Object / Events
User Form Controls
ActiveX Controls
Exporting/Importing Data

Power BI
Introducing PowerPivot
Working with Data
Enhancing the Data Model
Analysing Data
Data Analysis Expressions (DAX)
Publishing and Managing
PowerPivot Models
Importing Data with Power Query
Analysing Data with Power View and Power Map

TABLEAU (Optional)
Working with Tableau
Deep diving with Data and Connections
Creating Charts
Calculations in your workbook
Data Mapping in Tableau
Dashboards
Visualizations

Python
Basic Python Syntax
Data Types & Operators
Decision Making & Looping
List, Tuples, Dictionary
Functions & Modules
Files Input & Output
Exceptional Handling
Class & Object
Database Access
Introduction to Numpy
Introduction to Panda

R language
Fundamentals of R
Control Statements
Arrays / Functions in R
Data Visualization in R
STRINGR Package
Matrices
Strings
Data Frames in R
Vectors
R Factors

SQL Server
Introduction to SQL Server
Databases and types
Using DDL / DML
Simple Queries
Sub-Queries
Queries using Joins
Using Aggregate Functions
Constraints
Working with Views
Stored Procedures
Triggers
Import / Export

Assignments & Projects after completion of the course