TRAINING PROGRAM
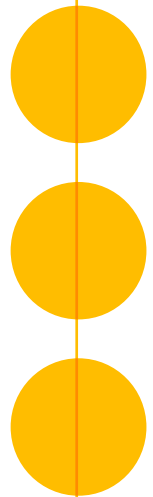
This program guide to Building a career in *Data Analytics*

COURSE CONTENT

A streamlined range of courses with hands-on-experience to help you learn and implement data analytics for career or business growth.

Course: Introduction to Data Analytics

What is Data Science?
Introduction to Data Science,Introduction to Cloud Computing, Introduction to Data Driven Decision Making, Business Strategy Models,Introduction to git and git hub **Tools and Techniques in Data Science**
Introduction to Tools and Techniques in Data Science
Lifetime Value Analysis RFM Analysis

Course: Statistics for Data Analysts

Basic Statistics
Central Tendency, Dispersion, Central Limit Theorem Normalization
Advanced Statistics
Distributions, Probability, Bayes Theorem, Hypothesis Testing

Course: Data Introduction to SAS

Introduction to SAS
SAS History and Overview, SAS University Edition Software, Interfaces to SAS, Data Input in SAS, Keep and Drop Variables, Basics in SAS - Data Step and Libname, Basics in SAS - Procs
Manipulation of Data in SAS
PDV and IB, Functions in SAS, Conditional statements
Merge/Set/Infile differences

Course: Data Analytics using SAS

Data Analysis using SAS-1
Proc Means, Proc Freq, Cross tabs, Var /CLASS Statement, ODS, Proc SQL, Do Loops
Data Analysis using SAS-2
Proc Reg, Proc Logistic, Multi Collinearity, Heteroscedascity, Statistics, SAS Macro Language

Course: Data Visualisation using SAS

Data Visualization using SAS
Scatterplot, Histogram, Piechart, Barchart, Histogram, Using the drop-down menu in tasks for Graphs

Course: Statistical Modeling

Statistical Modeling (Part 1)
Proc Logistic, Proc Reg
Statistical Modeling (Part 2)
Proc Corr, Proc Anova

Project 1: Data Manipulation Project

Slice and Dice the dataset related to Credit Card Fraud to extract valuable insights

Project 2: Data Visualization Project

Tableau to "SAS"

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