Data Analytics with R

Exploratory data analysis is an approach for summarizing and visualizing The important characteristics of a data set. Exploratory data analysis focuses on exploring data to understand the data's underlying structure and variables, to develop intuition about the data set, to consider how that data set came into existence, and to decide how it can be investigated with more formal statistical methods. R is a programming language and software environment for statistical computing and graphics. The R language is widely used among statisticians and data miners for developing statistical software and data analysis.

4P Advisory Services

Who should attend?

Data analytics technologies and techniques are widely used in commercial industries to enable organizations to make more-informed business decisions and by scientists and researchers to verify or disprove scientific models, theories and hypotheses.

Consulting, Training, Projects, Examinations, Assessment & Audit

Benefits

Learn Data Science with R in real world, Project Life cycle, and Data Acquisition & Understand Machine Learning Algorithms & Study the tools and techniquesof Experimentation, Evaluation and Project Deployment
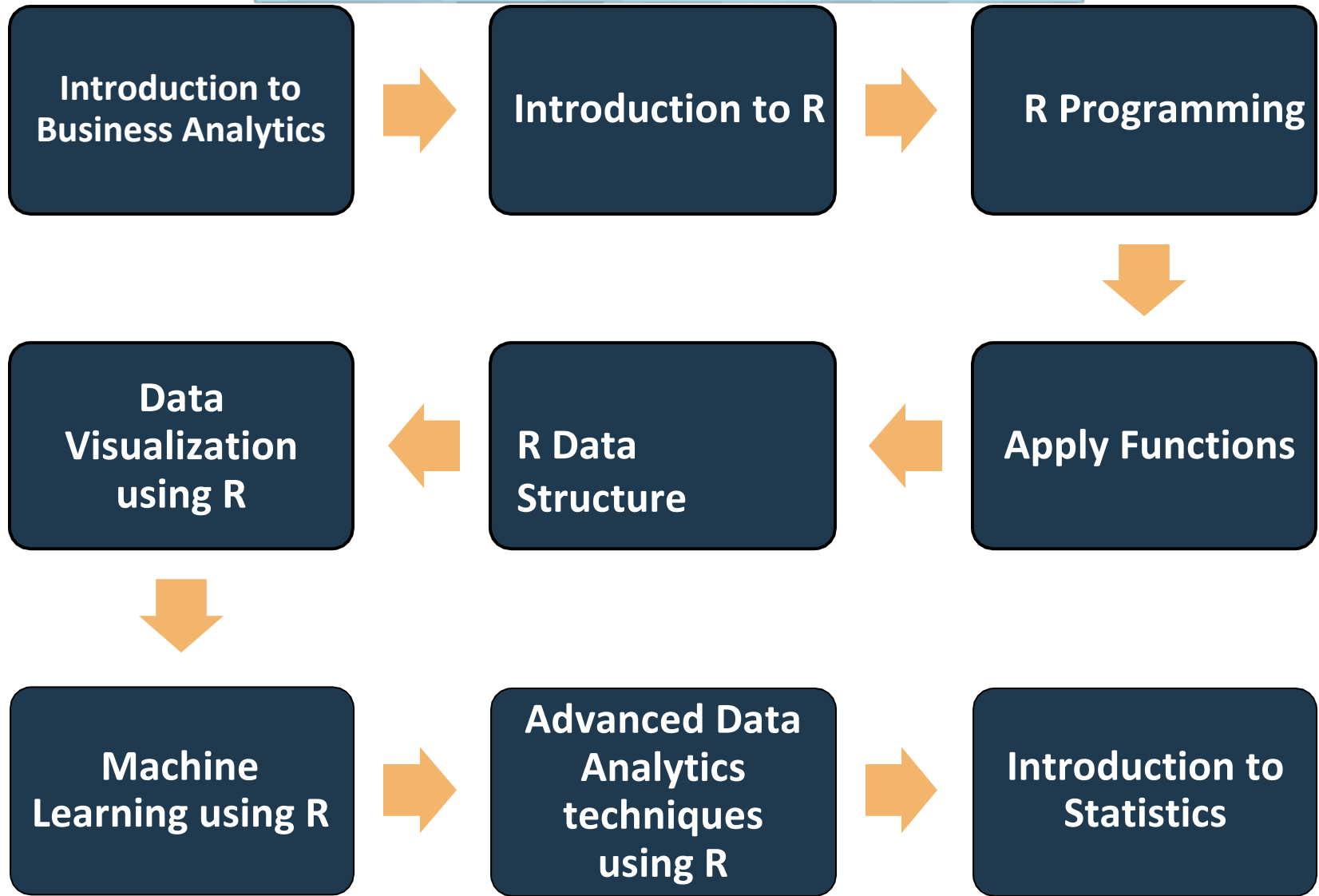
Learn the concept of Prediction and AnalysisSegmentation through Clustering & Learn the basics of Big Data and ways to integrate R

Explore data at multiple levels using appropriate visualizations& Acquire statistical knowledge for summarizing data
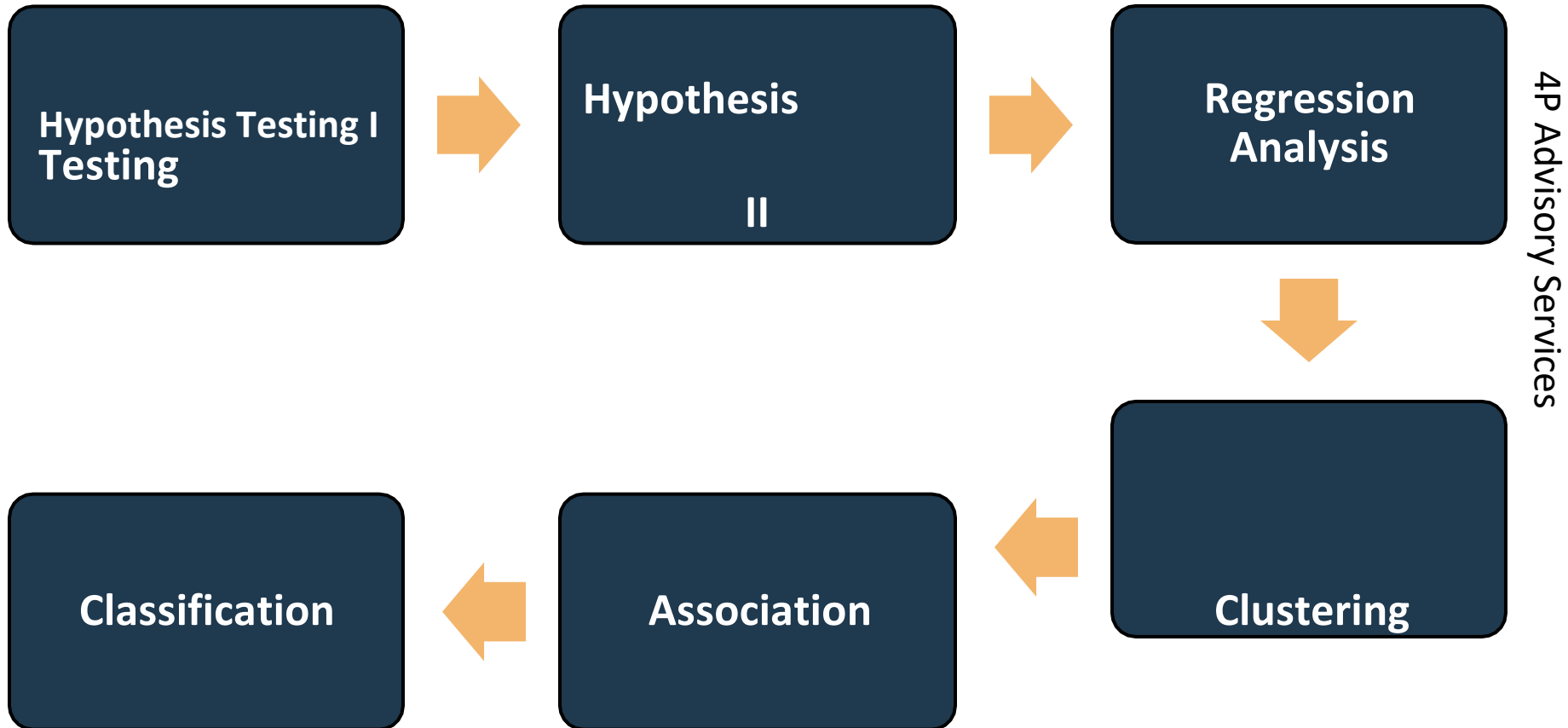
Demonstrate curiosity and skepticism when performing data analysis& Develop intuition around a data set and understand how the data was generated.

4P Advisory Services

Consulting, Training, Projects, Examinations, Assessment & Audit

Course Outline

Introduction to Business Analytics	→	Introduction to R	→	R Programming

↓

Data Visualization using R	←	R Data Structure	←	Apply Functions

↓

Machine Learning using R	→	Advanced Data Analytics techniques using R	→	Introduction to Statistics

4P Advisory Services

Consulting, Training, Projects, Examinations, Assessment & Audit

Course Outline

Hypothesis Testing I Testing → Hypothesis II → Regression Analysis

↓

Classification ← Association ← Clustering

4P Advisory Services

Consulting, Training, Projects, Examinations, Assessment & Audit

Prerequisites for the EXAM

- There are no particularprerequisites for this Training Course. If you love mathematics, it is helpful to learn Data Science.

Exam Details

Internal exams will be conducted (Mandatory). The exam format may vary.
- Number of questions: 20 (Multiple choice)
- Exam duration : 30 minutes
- Pass Mark : 65% (13 out of 20 with 1 point for each correct answer)

The Trainer/facilitatormay also choose to evaluate the participantsduring the program at the class room.

A Leading Training & Consulting Organization

Accredited by various principals

Result oriented approach

WHY 4P?

World-wide presence and delivery models

Adds great value to the Organizations

Unique, but proven, knowledge transfer and validation

Consulting, Training, Projects, Examinations, Assessment & Audit

JOIN NOW!

>>Contact: info@4pa.in

Consulting, Training, Projects, Examinations, Assessment & Audit