

R and Visualisation Using Power BI

Duration: 32 hours (4 days)

Course Overview:

- structuring data, sourcing the right data, managing the planning, design and execution of an analysis, and helping communicate, interpret and implement the results
- identifying, remediating and resolving the risk analytics and data management deficiencies
- understanding your customer better through segmentation, identification and targeting, and supporting effective
- marketing strategies and campaigns
- creating high-performing structures, processes and technology-enabled delivery models
- gaining access to real-time, actionable customer and market information to make informed and multi-layered business decisions

Target Audience:

Modules Covered:

- Introduction – R
- Variables and operators
- Data structure - Atomic vector, factors, list
- Data structure - Data frame, matrix, array
- Function
- R – Controls
- R – packages
- Import data & Exploring data
- Matrices
- Data frames
- An introduction to Power BI Desktop
- An introduction to the Query Editor
- Introducing the star schema
- Working on our data model data and relationship view
- Working in the report view to visualise our results
- Power BI Service and Power BI Mobile - How to continue?
- Other data sources
- Creating custom visuals (Power BI for developers)

