

DATA COMMUNICATION FOR MANAGER (DATA VISUALIZATION) DC-LDAP

Duration: 5 days; Instructor-led | Virtual Instructor-led

OVERVIEW

Data storytelling is a way of communicating a compelling story using data, analytics, and examples to translate data to share business performance. Effective data storytelling saves time in delivering findings through stories and data visualisation. At the end of the programme, learners will be able to design data displays such as dashboards to present trends and findings, incorporating new and advanced visualisation and analytics capabilities for data storytelling.

OBJECTIVES

- New data visualisation tools and techniques
- Range of methods to portray data patterns, trends and correlations
- Dashboard development process and techniques
- Features of data displays
- Strategic visualisation and mapping techniques
- Introduce new or emerging visualisation tools and techniques that are fit for purpose
- Exercise judgement on the presentation of data to ensure that critical trends and findings are presented in the optimal way
- Develop dashboards and scorecards incorporating advanced visualisation techniques and embedding analytics capabilities
- Review tables, graphs, and dynamic data displays, to ensure key questions from key stakeholders are addressed
- Design features of data displays including navigation, layout, user interface and user experience of interactive graphics
- Align interpretation and presentation of data analytics findings with subject matter experts

PREREQUISITES

- No prerequisites

AUDIENCE

- Individuals actively engaged in the field of data analytics.

COURSE CONTENTS

Module 1: Selecting New Or Emerging Data Visualization Tools And Techniques That Are Fit For The Purpose

- Introduction to data communication
- Data visualisation tools and techniques

Module 2: Preparing Data To Present Trends And Findings Optimally

- Intrinsic characteristics of data
- Quant Rubik

Workshop:

- Data Persona and Analysis Mapping

Module 3: Producing Dashboards And Scorecards With Advanced Visualization And Analytics Techniques

- Data visualisation and patterns

Workshop:

- Project Graph Choices

Module 4: Reviewing Tables, Graphs, And Dynamic Data Displays, To Ensure Key Questions From Key Stakeholders Are Addressed

- Alignment of reporting needs & choice of metrics and visualisation

Workshop:

- Graph building

Module 5: Managing Dashboard Development Process And Design Features Of Dashboards

Navigation, layout, user interface or interactive graphics

- Design features of interactive & dynamic dashboards
- Dashboard Do's and Don'ts

Module 6: Relating Data Analytics Findings With Subject Matter Experts

- Data Storytelling

Workshop:

- Dashboard Design