



# Venkata Krishna Rao Gundapu

**Course:** Power BI (DA-100: Microsoft Certified Data Analyst Associate)

**Course Duration:** 30 Hours

**Workshop:** 1 day

## Resources:

- Live and Recorded Sessions
- Power BI Pro License
- Access to Office apps
- Workshop utilities

**Note:** Resources will be available only during the course period except the session recordings

## Contents:

1. Module 0 - Introduction
  - Welcome to the Course
2. Module 1 - Get Started with Microsoft Data Analytics
  - Data analytics and Microsoft
  - Getting Started with Power BI
3. Module 2 - Prepare Data in Power BI
  - Get Data from Various Data
  - Optimize Performance
  - Resolve Data Errors
4. Module 3 - Clean, Transform, and Load Data in Power BI
  - Shaping
  - Enhance the Data Structure
  - Data Profiling
5. Module 4 - Designing a Data Model in Power BI
  - Introduction to Data Modeling with Tables
  - Dimensions and Hierarchies
6. Module 5 - Create Measures using DAX in Power BI
  - Introduction to DAX
  - DAX Content
  - Advanced DAX
7. Module 6 - Optimize Model Performance
  - Optimize the data model for Performance
  - Optimize Direct Query Models

- Create and manage Aggregations
- 8. Module 7 - Create Reports
  - Design a Report
  - Enhance the Report
- 9. Module 8 - Create Dashboards
  - Create a Dashboard
  - Real-time Dashboards
  - Enhance a Dashboard
- 10. Module 11 - Create and Manage Workspaces
  - Workspaces
  - Sharing and Managing Assets
- 11. Module 12 - Manage Datasets in Power BI
  - Parameters
  - Datasets
- 12. Module 13 - Row-level Security
  - Security in Power BI