

POWER BI

COURSE CODE: MOOCUBS-A02

DURATION: 05 Hrs.

Course Prerequisites:

Basic knowledge of MS Excel

What you will learn?

1. Transform raw data into beautiful interactive dashboards
2. Build Business Intelligence reports
3. Learn to study trend analysis
4. Data visualization and DAX functions
5. Insight into Power BI interview questions

Course Description:

Business Intelligence has become an important technology for data professionals today. Learning and using a data visualization tool is a crucial part for Business Intelligence and Data Analytics.

Power BI is a self-service Business Intelligence tool from Microsoft used for data visualization and analysis to create interactive dashboards and reports. This course will enable the learners in efficient and effective interpretation of the data thus leading to better decision making.

COURSE DETAILS

Module 1: Introduction

Topic 1: Business Intelligence

- Lecture 1.1: What is Business Intelligence?
- Lecture 1.2: Benefits of using BI tools
- Lecture 1.3: Introduction to Data Visualization

Topic 2: Introduction to Power BI (Topic-1)

- Lecture 1.1: What is Power BI?
- Lecture 1.2: Why choose Power BI
- Lecture 1.1: Key benefits of Power BI

Topic 3: Structure

- Lecture 1.1: Components of Power BI
- Lecture 1.2: Architecture of Power BI
- Lecture 1.3: Building Blocks of Power BI

Module 2: Getting Started With Power Bi

Topic 1: Introduction

- Lecture 1.1: Install Power BI Desktop
- Lecture 1.2: Import Data

Topic 2: Starting with visuals

- Lecture 1.1: Create simple visual
- Lecture 1.2: Publish report

Topic 3: Data Sources

- Lecture 1.1: Joining data sources
- Lecture 1.2: Building and sharing dashboards
- Lecture 1.3: Pin visuals

Module 3: Power BI Desktop

Topic 1: Introduction to Charts

- Lecture 1.1: Bar and Column chart
- Lecture 1.2: Line and Area chart
- Lecture 1.3: Pie and Doughnut chart
- Lecture 1.4: Tree maps and Maps
- Lecture 1.5: Funnel and Gauge chart

Topic 2: Cards

- Lecture 1.1: What is card visualization?
- Lecture 1.2: How to create a card

Topic 3: Tables and Matrices

- Lecture 1.1: What is table visualization?
- Lecture 1.2: How to create a table
- Lecture 1.3: What is matrix visualization?
- Lecture 1.4: How to create a matrix

Module 4: Power BI KPI

Topic 1: Key Performance Indicator

- Lecture 1.1: What is KPI?
- Lecture 1.2: Requirements for KPI

Topic 2: KPI visualization

- Lecture 1.1: Steps to create a KPI

Module 5: Power BI Dashboard

Topic 1: What is Dashboard?

- Lecture 1.1: Create a dashboard
- Lecture 1.2: Share a dashboard
- Lecture 1.3: View a dashboard

Topic 2: Dashboards vs. Report

- Lecture 1.1: Key differences

Module 6: Working with Dummy Dataset

Topic 1: Introduction

- Lecture 1.1: Creating visuals
- Lecture 1.2: Dashboard
- Lecture 1.3: Performing DAX functions
- Lecture 1.4: Report

Module 7: Interview Questions