**About Power BI**

**Power BI** is a collection of software services, apps, and connectors that work together to turn your unrelated sources of data into coherent, visually immersive, and interactive insights. Your data may be an Excel spreadsheet, or a collection of cloud-based and on-premises hybrid data warehouses. It lets you easily connect to your data sources, visualize and discover what’s important, and share that with anyone or everyone you want.

**Audience Profile**

The target audience for this course are managers, executives and business users who need to analyze  
data & create reports/dashboards.

**Prerequisities**

This training requires the following prerequisites:  
· Basic knowledge of database management.  
· Understands key business measures such as revenue, cost and profitability.  
· Familiarity with Microsoft Excel.

You can download the Power BI from [here](https://powerbi.microsoft.com/en-us/downloads/)

**OUTLINE**

[PDF BROCHURE](https://compextrg.com/wp-content/uploads/2019/12/powerBI.pdf)

**Module 1: Introduction to Self-Service BI Solutions**

In this module students will be introduced to the key concepts in business intelligence, data analysis, and data visualization. In addition they will learn the rationale for self-service BI,  
considerations for using self-service BI, and how Microsoft products can be used to implement  
a self-service BI solution.  
· Introduction to business intelligence  
· Introduction to data analysis  
· Introduction to data visualization  
· Microsoft tools for self-service BI

**Module 2: Introducing Power BI**

This module introduces Power BI.  
· Power BI  
· The Power BI service

**Module 3: Power BI Data**

This module describes Power BI data sources.  
· Excel files, CSV & Text files as a Power BI data source  
· Using databases as a Power BI data source

**Module 4: Shaping and Combining Data**

This module describes how to shape and combine data.  
· Power BI desktop queries  
· Shaping data  
· Combining data

**Module 5: Modelling Data**

This module describes how to model data in Power BI.  
· Relationships  
· DAX queries  
· Calculations and measures

**Module 6: Interactive Data Visualizations**

This module describes Power BI visualizations.  
· Creating Power BI reports  
· Managing a Power BI solution