
Power BI Assignment 3

1. List and explain different PowerBi products?

Creating and editing customized reports for every level of expertise.

Data ingestion from hundreds of supported data sources.

Data transformation, cleaning, and data model creation with built-in Power Query Editor.

AI-driven analytics.

Interactive reporting with pre-built or custom visuals.

2. What limitations of Excel, and Microsoft are solved by PowerBi?

Both Excel and Power BI belong to Microsoft and are used for data processing and analysis, although they have different capabilities.

Excel, which is part of Office 365 and was released in 1985, is a program known by virtually everyone. Whether or not you are an expert in data analysis and whether or not you work with data, you have almost certainly used Microsoft Excel at some point. The program has the format of a spreadsheet that distributes data into rows and columns and has the ability to perform calculations and mathematical formulas easily and quickly. In addition, like Power BI, it is also used to transform data sets into visual information.

On the other hand, Power BI is a set of tools, software services, and [business intelligence](#) applications oriented to business. In other words, Power BI is a platform with a more specific objective than Excel —data processing in business environments— although it can also be used in other sectors. One of the great advantages of Power BI is that it is able to connect with a large number of data sources of many sizes: Excel spreadsheets, relational and non-relational databases, cloud services, files in different formats, [Big Data](#) tools, web applications, etc. In addition, it has high graphic and data transformation capabilities in [reports](#), dashboards, and customized attractive, interactive, and easily understandable visualizations.

Does your company have the best Power BI dashboards for 2021? Download our e-book with the 15 best Power BI dashboards!

3. Explain PowerQuery?

Power Query is a data transformation and data preparation engine. Power Query comes with a graphical interface for getting data from sources and a Power Query Editor for applying transformations.

4. Explain PowerMap?

A power map lets you discover insights you might not see in traditional two-dimensional (2-D) tables and charts. With Power Map, you can plot geographic and temporal data on a 3-D globe or custom map, show it over time, and create visual tours you can share with other people.

5. How powerBi eliminate the need to host SharePoint Server on premises?

6. Explain the updates done in Power Bi Service(power BI 2.0) as compared to older version?

