Power BI Assignment 3

1. List and explain different Power Bi products?

Answer: Power BI currently has three versions:

* Microsoft Power BI Free / Desktop
* Microsoft Power BI Pro
* Microsoft Power BI Premium

Power BI Desktop is basically the version of Power BI that you install on to your local system / computer to access the basic features of Power BI and act as a companion to the main, cloud-based application. It is the ideal version to start with no matter your skill level Power BI Free enables you to connect to 70+ data sources, analyse data, publish to the web, export to excel and much more.

Yes, this particular version of Power BI is free to download and use while giving you all the basic features of Power BI.

Power BI Pro is the full version of Power BI, which means it comes complete with the ability to use Power BI for both building dashboards, reports and unlimited viewing, sharing and consumption of your created reports (and reports shared by others) which is not possible with Power BI Desktop.

The Power BI Premium licence is not a per-user licence like a Free or Pro Licence. Instead, Power BI Premium licence provides a dedicated unit of capacity for all users in the organisation. This dedicated capacity (aka Premium Workspace) can be used to host large datasets up to 50GB while offering a total storage of 100TB in the cloud.

1. What limitations of Excel, Microsoft solved by Power Bi?

Answers:

* Excel has limitations in the amount of data it can work with. In contrast, Power BI can handle much larger amounts of data.
* Power BI can connect to a large number of data sources, while Excel's connectivity capacity is limited. Also, unlike Excel, Power BI can be easily used from mobile devices.
* Power BI has faster processing than Excel.
* Power BI dashboards are more visually appealing, interactive and customizable than those in Excel.
* Power BI is a more powerful tool than Excel in terms of comparison between tables, reports or data files.
* Power BI is more user friendly and easy to use than Excel.

1. Explain Power Query?

Answer: Power Query is the data connectivity and data preparation technology that enables end users to seamlessly import and

reshape data from within a wide range of Microsoft products, including Excel, Power BI, Analysis Services, Dataverse, and more.

1. Explain Power Map?

Answer: 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.

1. How Power Bi eliminated the need to host SharePoint Server on premises?

Answer:

* + Heavy technology investment over the years created a dependency on SharePoint on-premises.
  + Compliance can make it prohibitively expensive or complex to store data in the cloud.
  + Some customizations are not available in SharePoint Online

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

Answer:

* The format pane gets a makeover
* Two new navigators: Page and bookmark navigators
* New dashboard visual and new visuals available in the AppSource
* New data connectors
* Choose your workspace
* Data governance is a fundamental aspect for organisations when working with Power BI. The platform's data governance options are limited, but have now been extended by the new possibility to set goal level user permissions.