Power BI Assignment 2

2. Excel comes with some major drawbacks that make it a difficult tool to work with. Users might be comfortable in Excel but most don’t know how limited they are and how much more efficient they could be.

* Difficult collaboration
* Data integrity/security risks
* Outdated and unreliable data due to exports
* Slow and limited data intake
* Not scalable

3. Power Query is a data transformation tool available in both Microsoft Excel and Power BI.

* Power Query is an invaluable tool for any analyst working in Excel, saving users hours of time, reducing manual errors, and allowing users to source data from a central source of truth.
* Power Query remembers the user’s data transformation steps, effectively automating lengthy and manual processes.
* Common use cases are to modify the layout of data, connected to central data sources, merge related tables, or combine multiple files.

4. Microsoft Power Map for Excel is a three-dimensional (3-D) data visualization tool that lets you look at information in new ways. 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.

### 6. Ease of Use

Workspace version 2 made some functions easier to apply in the Power BI service. As an example, you can set the workspace image directly in the Power BI service. With the old version, you couldn’t do that. With the old version, one of the ways to set an image for the workspace was to go to the Office portal and change the image of the office 365 group.

### Decoupled from Office 365

It also helps in decoupling the Office 365 groups and Power BI workspaces. In the old version of workspaces, with the creation of workspace, an office 365 group was created also. those two were coupled to each other. In the app workspace Version 2, however, the creation of app workspace can be separate.

### Assign AD Groups to Workspace Roles

In the older version of workspace, you could only assign users individually as the admin of the group. In the workspace version 2, now you can have an AD group assigned as a role membership in the workspace.