Power BI Assignment 3

1. List and explain different PowerBi products?

   Ans.

   - ▢ Creating and editing customized Creating and editing customized reports for every level of expertise.
   - ▢ Data ingestion from hundreds of supported data sources.
   - ▢ Data transformation, cleaning, data model creation with built-in Power Query Editor.
   - ▢ AI-driven analytics.
   - ▢ Interactive reporting with pre-built or custom visuals.
   - ▢ reports for every level of expertise.
   - ▢ Data ingestion from hundreds of supported data sources.
   - ▢ Data transformation, cleaning, data model creation with built-in Power Query Editor.
   - ▢ AI-driven analytics.
   - ▢ Interactive reporting with pre-built or custom visuals.

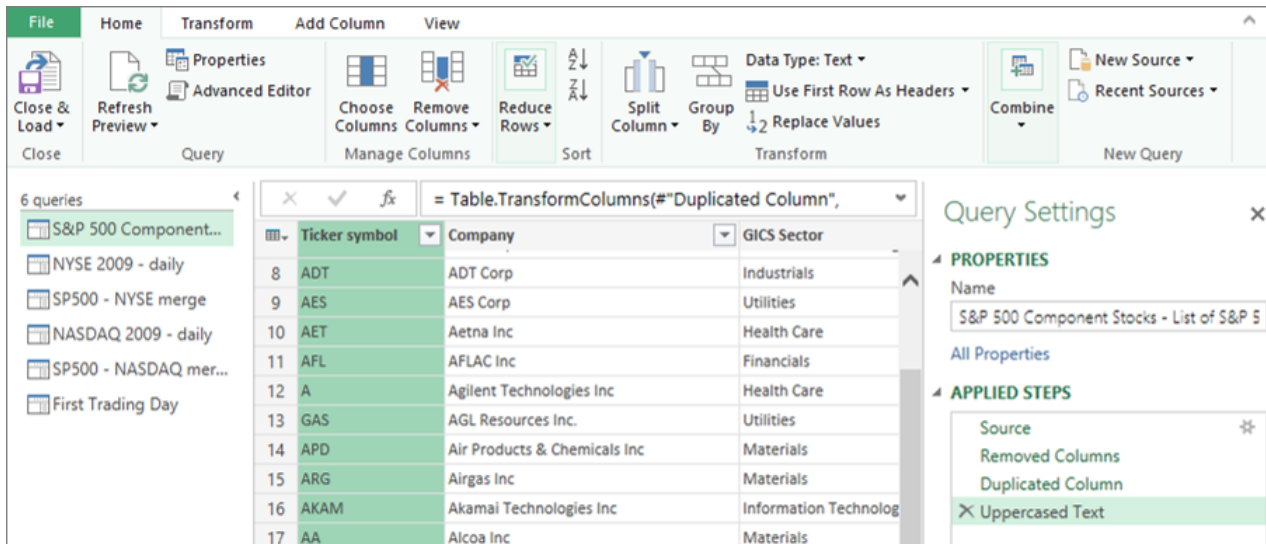2. What limitations of Excel, Microsoft solved by PowerBi?

   Ans. "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."

3. Explain PowerQuery?

Ans. **With Power Query (known as Get & Transform in Excel), you can import or connect to external data, and then shape that data, for example remove a column, change a data type, or merge tables, in ways that meet your needs**. Then, you can load your query into Excel to create charts and reports. Periodically,
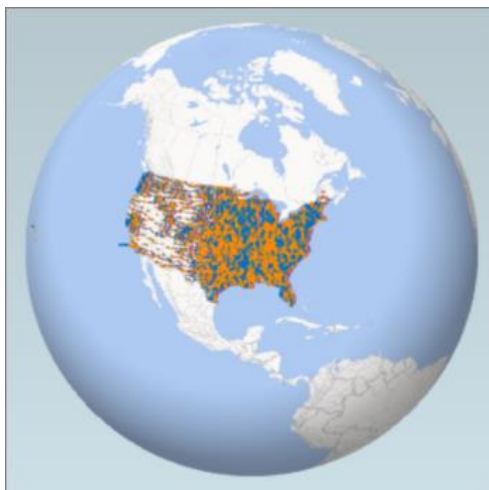
you can refresh the data to make it up to date. Power Query is available on three Excel applications, Excel for Windows, Excel for Mac and Excel for the Web. For a summary of all Power Query help topics, see Power Query for Excel Help.
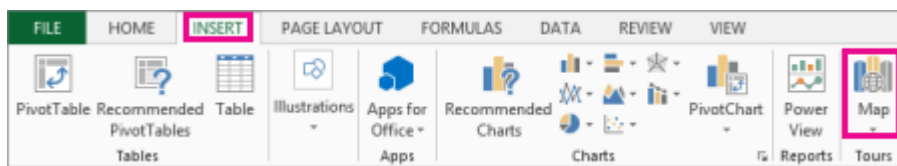

4. Explain PowerMap?

Ans. 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. You'll want to use Power Map to:*

- Map data   Plot more than a million rows of data visually on Bing maps in 3-D format from an Excel table or Data Model in Excel.
- Discover insights   Gain new understandings by viewing your data in geographic space and seeing time-stamped data change over time.
- Share stories   Capture screenshots and build cinematic, guided video tours you can share broadly, engaging audiences like never before. Or export tours to video and share them that way as well.

5. How powerBi eliminated 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