Introduction to PowerBI:

**PowerBI is a collection of components**

1. **Power Query is an ETL tool which will Extract, Transform, Load the data. When we have Unclean data like with Null values, Empty values ETL helps to clean the data and makes the data visualizable.**
2. **Power Pivot: if we have multiple data sources and if we want to connect them create relationship between them power pivot helps us to do that.**
3. **Power View: it consists of 200+ charts like bar charts etc. which helps in visualizing the data.**
4. **PowerBI service: PowerBI helps users to connect each other via the reports.**

* **PowerBI consists of PowerBI Desktop and PowerBI service.**

**PowerBI Desktop is a developer tool where we can create Dashboards it extracts data from the Excel, CSV, SQL, Access, SharePoint, Outlook, pdf and the WEB. We can get the data from one or multiple sources at a time and after that we can clean the data, data modelling and can create charts and dashboards.**

**From PowerBI service we can share the reports with different people.**