

1. BI stands for Business Intelligence. It is used to help organizations with finding insights which in turn helps in decision-making to improve the performance and effectiveness of the business. With the help of Power BI, we are able to create interactive visualizations, dashboards and reports which help the stakeholders understand the operations of the business and also understand how the business will operate in the coming future in a competitive market.
2. Power BI plays an important role in BI as it helps data analyst to gather data from various platforms in different formats. Power BI is a one go platform for gathering, transforming data, creating visualizations which in turn helps us gather insights and help in decision making. Power BI also allows us to collaborate our dashboards and reports with other people.
3. Descriptive analytics is also a part of data analytics which is used to aggregate and summarize the historical data and present them in visualized form. This delivers a clear visibility as to what has happened in the past.
4. Predictive analytics is also a part of data analytics and is used for future prediction. Unlike descriptive analytics which works with the past data where as predictive analytics understands and analyzes the past data and makes future predictions. The corresponding term is called forecasting. Forecasting helps in determining how the business is going to work in the coming future, what are the areas that need improvement which can reduce the efficiency of the company in the coming years.
5. Some of the questions that can be solved using Power BI are listed below:-
  - a. How are the sale based on the product and region?
  - b. What is the current inventory level of products and is it meeting the current demand?
  - c. Are we able to meet the expected % of profit?
  - d. Are there any products which are facing production and delivery issues and is not being able to meet the expected mark of sales?
  - e. What is the % of revenue that the company is going to generate in the next quarter?