Power BI Assignment 1

Que 1 - What do you mean by BI? Explain.

Ans 1 - BI is nothing but Business intelligence which refers to process of collecting data, mining, technologies, and analyse data into meaningful information in various form such as Data visualization, charts, graphs, etc.

In simple words, Converting raw data into meaningful information.

Que 2 - How Power-BI helps in BI, and how does it help Analysts? Explain.

Ans 2 – Power BI is a business intelligence tool which helps you connect with various data sources, clean, and transform the data into data modelling and analyse efficiently for data visualization and publish it with others within your organization.

It is very easy to operate drag-and-drop options which makes quick processing to give you complex data related queries without the need of programming skills

Que 3 - Explain Descriptive analytics?

Ans 3 – Descriptive analytics is the type of data analytics that focuses on past data for summarizing and highlighting the pattern of what has happened. These statistics are useful for keeping the track of your operation, especially when you track changes in them from month-to-month or year-to-year.

Que 4 - Explain Predictive analytics?

Ans 4 – Predictive analytics is another type of advanced analytics that makes prediction about the future events by analysing patterns in each set of input data. Predictive analytics uses descriptive data (Past data) to predict what is going to happen.

Que 5 - Write five real-life questions that Power BI can solve.

Ans 5 – Following is the real life problems that Power BI can Help to solve:

- Power BI helps you to interpret several types of data sources in one project without any problem.

- Using Power BI's questions & answers feature, it is now possible to ask your software these questions using natural language. This natural language technology makes your work extremely easy to outcome your results.

- Long ago, individuals or employees used to make Power point presentation or charts using data to analyse it and to understand the data quickly. It used time consuming task, but Power BI makes it easier to create charts/graphs or dashboards to analyse and present it. Most important that we can share/publish this live data with employees through cloud.

- Coding is difficult to solve complex data, now Power BI produce the solution without any coding knowledge, you can do it immediately with extensive data.

- Manual work can result in errors but with power BI reduces the possibility of errors by allowing reports to be run in seconds using only the most current data.