**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Business intelligence (BI) refers to the procedural and technical infrastructure that collects, stores, and analyzes the data produced by a company's activities. BI is a broad term that encompasses data mining, process analysis, performance benchmarking, and descriptive analytics.

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

Power BI is a BI and data visualization tool that leverages visual analytics to empower people and organizations in making the most of their data. The engaging visualizations created in Power BI take the excel workflow to the next level and help stakeholders make sense of the massive amounts of data available.

It help Analysts :

1. Extract data insights with no coding skills required

2. Democratize data insights with dashboards

3. Tell data stories with advanced data visualization.

1. Explain Descriptive analytics?

Descriptive analytics is the process of parsing historical data to better understand the changes that have occurred in a business. Using a range of historic data and benchmarking, decision-makers obtain a holistic view of performance and trends on which to base business strategy.

1. Explain Predictive analytics?

Predictive analytics is the use of data, statistical algorithms and machine learning techniques to identify the likelihood of future outcomes based on historical data. The goal is to go beyond knowing what has happened to providing a best assessment of what will happen in the future.

1. Explain perspective analytics?

Prescriptive analytics is the process of using data to determine an optimal course of action. By considering all relevant factors, this type of analysis yields recommendations for next steps. Because of this, prescriptive analytics is a valuable tool for data-driven decision-making

1. Write five real-life questions that PowerBi can solve.
2. Waiting On Figures
3. Using Data From Old Reports
4. Excessive Time Spent Preparing For Presentations
5. Being Unable To Find Specific Data Sets
6. Not Being Able To Determine Your Level Of Success