**Power BI Assignment 1**

**1. What do you mean by BI? Explain.**

Business intelligence includes data analytics and business analytics but uses them only as parts of the whole process. BI helps users draw conclusions from data analysis. Data scientists dig into the specifics of data, using advanced statistics and predictive analytics to discover patterns and forecast future patterns.

**2. 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.

**3. Explain Descriptive analytics?**

Data analytics is a valuable tool for businesses aiming to increase revenue, improve products, and retain customers.

**4. Explain Predictive analytics?**

The term predictive analytics refers to the use of [statistics](https://www.investopedia.com/terms/s/statistics.asp) and modeling techniques to make predictions about future outcomes and performance. Predictive analytics looks at current and historical data patterns to determine if those patterns are likely to emerge again.

**5. Explain perspective analytics?**

Prescriptive analytics is the process of using data to determine an optimal course of action.

**6. Write five real-life questions that PowerBi can solve.**

* Waiting On Figures
* Using Data From Old Reports
* Excessive Time Spent Preparing For Presentations
* Being Unable To Find Specific Data Sets
* Not Being Able To Determine Your Level Of Success