**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Answer: BI stands for business intelligence. BI tools are application software which collect and process large amount of unstructured data from internal and external systems. Power BI helps in visually immersive and interactive insights.

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

Answer: Power BI is a business analytics service provided by Microsoft which makes transforming raw data easy to make decisions.

It helps analysts to:

* Connecting diff. sources of data I one data model
* Quick and easy analysis
* Interactive, multidimensional reports, possibility to track correlation
* Collabration and safe report sharing

1. Explain Descriptive analytics?

Answer: As we know that data analytics are of four types, descriptive analytics is the simplest type. It allows to extract data for data visulalization on the concept of “What happened?”. This terminology means to generate charts, graphs and maps in understandable manner.

1. Explain Predictive analytics?

Answer: This is used to make predictions about future trends of events by analysing historical data. Making predicstions for the future ca help your organization formulate strategies based on likely scenarios.

1. Explain perspective analytics?

Answer: This analytics takes into account all possible factors in a scenario and suggest actionable takeaways. This type og analytics can be especially useful when making data driven decisions. For this analytics we used A/B test or if else statements.

1. Write five real-life questions that PowerBi can solve.

Answer:

* Reduction of time spent in preparing presentations
* Using data from old reports
* To find specific data set and related datas as well.
* Easy access to data and advance visualization
* Customize reports