

2.2.2 Types of Data Analytics

1. Descriptive analytics

- It is used to summarize data for easy interpretation.
- For example, basic statistics to find median or variance or range.

2. Diagnostic analytics

- It is used to find reasons from data for why an event happened.
- For example, linear algebra can be used to model patterns of previous faults.

3. Prescriptive analytics

- It is used to predict from data the likely outcome on an event. Best course of action for the predicted outcome is also suggested.
- For example product recommendation using graph theory.