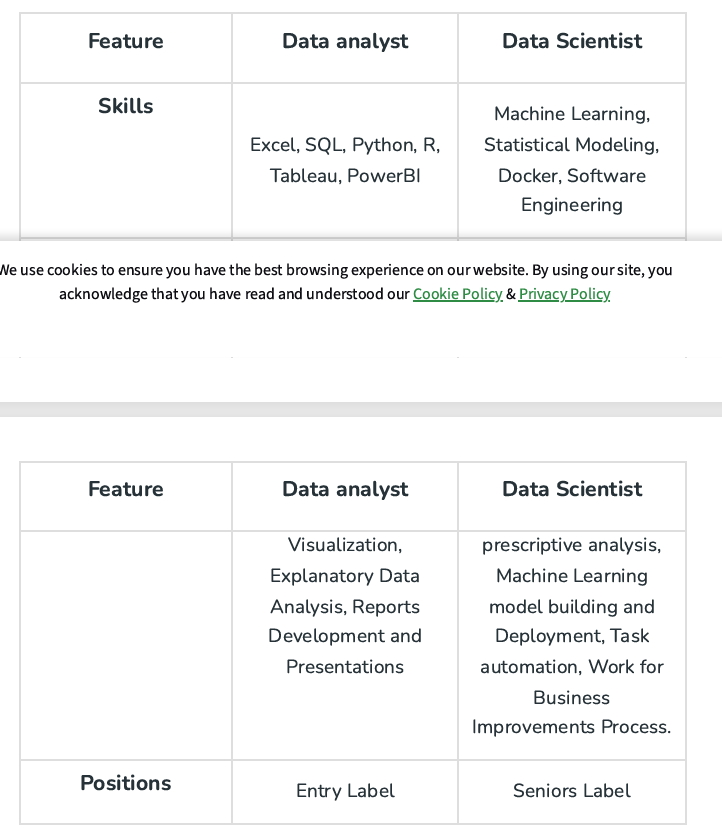
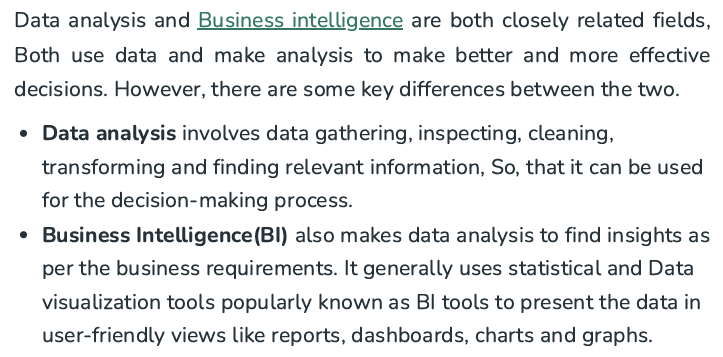
1. **How do data analysts differ from data scientists?**



1. **How Data analysis is similar to Business Intelligence?**

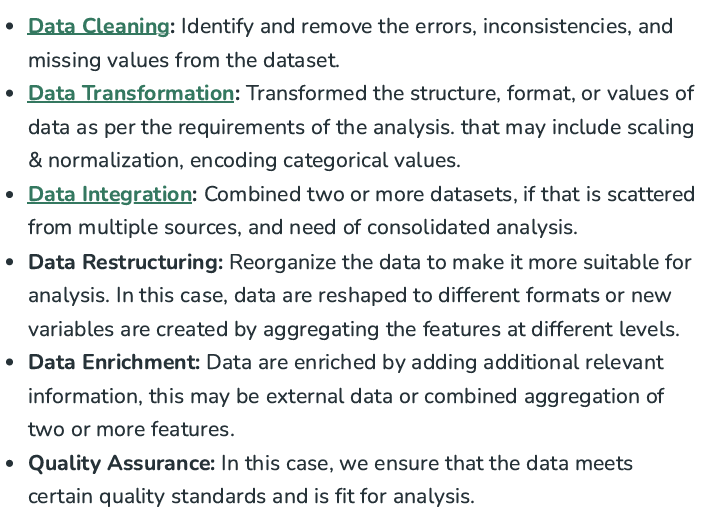
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1. **What are the different tools mainly used for data analysis?**

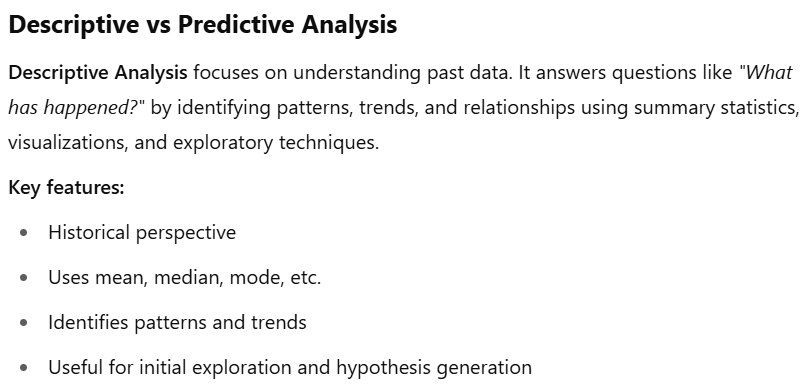
Excel, SQL, Programming lanugaues

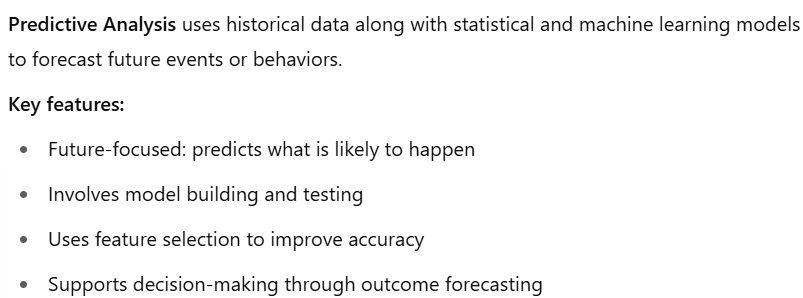
1. **What is Data Wrangling?**

Another name of data preprocessing.

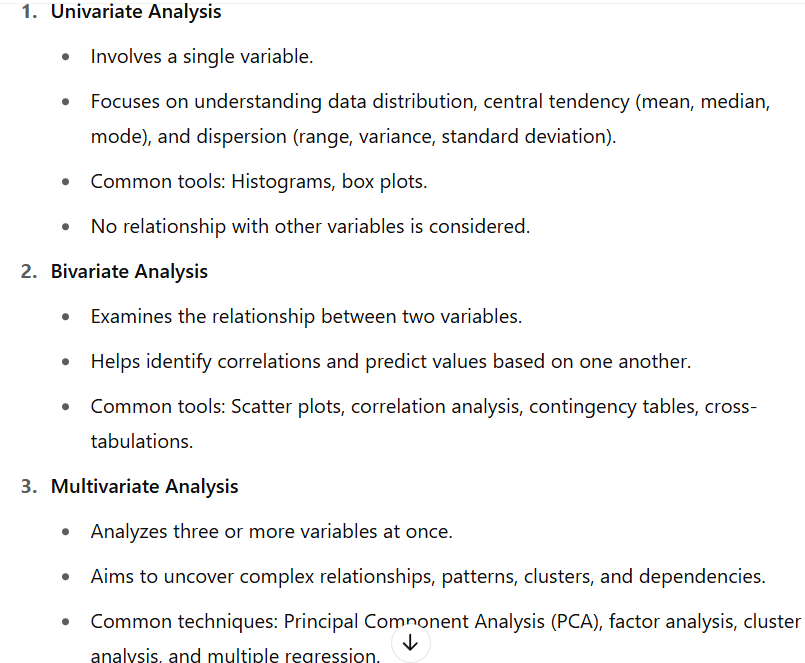


1. **Difference between descriptive and predictive analysis**





1. **Difference between univariate, bivariate, multivariate analysis**

****

1. **Name some of the most popular data analysis and visualization tools used for data analysis**

Tableau, Power Bi, SAS, Google data studio free web based application

1. **What are the steps you would take to analyze the dataset**

 Problem Definition / Objective  
Clearly define the problem or question. Understand the goals to guide the entire analysis.

 Data Collection  
Gather relevant data from sources like surveys, databases, web scraping, etc. Ensure accuracy and representativeness.

 Data Preprocessing / Cleaning  
Clean the data by renaming columns, standardizing formats, and handling missing or inconsistent values.

 Exploratory Data Analysis (EDA)  
Use statistical and graphical methods to explore data, identify patterns, outliers, and gain initial insights.

 Data Visualization  
Create visual representations (charts, graphs) to simplify complex data, reveal trends, and communicate findings effectively to stakeholders.