Name: shans

ID: F2022332045

**Q1: what is data analytics**

Data Analytics is the process of examining raw data to uncover useful patterns, insights, and trends that help in making informed business decisions. It involves using statistical techniques, tools, and software to clean, process, and analyze data to identify meaningful information. Data analytics is widely used in industries to optimize operations, improve customer service, forecast trends, and measure performance.

**Q2: what is data science**

Data Science is a multidisciplinary field that combines mathematics, statistics, programming, and domain knowledge to extract valuable insights from structured and unstructured data. It involves data collection, cleaning, exploration, modeling (often using machine learning), and visualization to solve complex real-world problems. Data scientists use advanced analytical techniques to build predictive models and support strategic decision-making.