DATA ANALYTICS ASSIGNMENT

DAY 27

1. Explore the use of conversion functions and conditional expressions in SQL. Provide examples of scenarios where conversion functions are beneficial and demonstrate how conditional expressions can be applied in SELECT statements to customize query results.

2. Discuss the significance of group functions in SQL. Provide examples of different aggregate functions (e.g., COUNT, SUM, AVG) and demonstrate their application in grouping and summarizing data. Explore scenarios where group functions are essential for data analysis.

3. Explore the concept of JOINS in SQL and provide examples of different types of JOINS (e.g., INNER JOIN, LEFT JOIN, RIGHT JOIN). Illustrate scenarios where each type of JOIN is valuable and discuss considerations when working with multiple tables.

4.In SQL, what is the purpose of a LEFT JOIN?

a) To combine only the rows that have matching values in both tables.
b) To combine all rows from both tables, with unmatched rows from the right table as NULL.
c) To exclude rows that do not have matching values in both tables.
d) To perform mathematical calculations on numeric columns.