**Data Cleaning and Analysis Using SQL Queries**

**Project Overview:** This project involves the application of SQL for data cleaning and analysis, showcasing the process of transforming raw data into meaningful insights. The focus is on writing and executing SQL queries to clean the data, handle missing values, remove duplicates, and perform various analytical tasks to extract useful information from the dataset.

**Key Tasks:**

* **Data Cleaning:**
  + Removal of duplicate records to ensure data integrity.
  + Handling missing or null values by applying appropriate data imputation techniques.
  + Standardizing data formats for consistency across the dataset.
* **Data Analysis:**
  + Executing complex SQL queries to filter, sort, and aggregate data.
  + Using joins and subqueries to combine data from multiple tables for enriched analysis.
  + Calculating key metrics and performing statistical analysis to uncover trends and patterns.

**Tools and Technologies:**

* **SQL:** The primary tool used for writing queries and managing the database.

**Outcome:** The project resulted in a cleaned and well-structured dataset, ready for further analysis or reporting. The SQL queries developed during the project can be reused or adapted for similar tasks in different datasets, making this a valuable asset for data analysis projects.