**# SQL Project:**

**Download a dataset from kaggle website**

**1. Apply all the SQL concepts on this dataset**

**Kaggle website link:** [**https://www.kaggle.com/datasets**](https://www.kaggle.com/datasets)

**SQL Project Format Outline**

1. **Introduction**
   * Overview of the project goals and objectives.
   * Description of the database schema or structure being used.
2. **Data Description**
   * Explanation of the dataset(s) used.
   * Source of the data and any preprocessing steps taken.
3. **SQL Queries**
   * Detailed SQL queries used in the project.
   * Includes SELECT, INSERT, UPDATE, DELETE queries as applicable.
   * Examples of complex joins, aggregations, and subqueries.
4. **Database Design**
   * Entity-Relationship Diagram (ERD) if applicable.
   * Description of tables, their relationships, and constraints.
5. **Data Analysis**
   * Results of SQL queries with interpretations.
   * Key insights gained from the data analysis.
6. **Challenges Faced**
   * Issues encountered during the project.
   * Solutions or workarounds implemented.
7. **Conclusion**
   * Summary of findings and project outcomes.
   * Future improvements or extensions to the project.
8. **References**
   * List of sources, tools, or frameworks used.