**A close up of a sign

Description automatically generated**

**DATABASE DESIGN & PROGRAMMING WITH SQL PROJECT TEMPLATE**

**Project scope read here:** [**https://docs.google.com/document/d/1fRFa3E4YII4g6DeIUEEr85GIEgw8hC-1YJMCi6SFoRA/edit?usp=sharing**](https://docs.google.com/document/d/1fRFa3E4YII4g6DeIUEEr85GIEgw8hC-1YJMCi6SFoRA/edit?usp=sharing)

1. **DATA DIVE**

**Difficulties Encountered**

***(*** *List and Briefly explain any difficulties (3 or more ) and 1 interesting thing you noticed about your chosen dataset.)*

1. For example : Data Formatting Issues:

Sometimes, CSV files contain special characters or inconsistent formatting that can cause errors during import. For example, missing values or incorrect date formats .

2.

3.

.

.

.

**Interesting Discovery:**

It was interesting to ……

1. **THE DATA FUN.**

*Use SQL queries to study the data*  
  
For Example:

1. Finding the most common genre( e.g Romance & Comedy)

SELECT listed\_in, COUNT(\*) AS count

FROM netflix\_titles

GROUP BY listed\_in

ORDER BY count DESC;

**Cool Facts Discovered 2 or more:**

For example :

1. Young people actually don’t prefer watching cartoons: Because ……. Then you explain further.
2. .
3. .
4. .
5. .

Use basic SQL queries like (COUNT, AVG, and SUM) to understand more about the data you have.

For example:

1. Finding the total number of shows per country; the total number of shows is South Africa with 17 shows followed by Kenya with 13 shows. (provide the code below).

SELECT country, COUNT(\*) AS total\_shows

FROM netflix\_title

GROUP BY country

ORDER BY total\_shows DESC;

2.

3.

.

.

1. **ASK AWAY**

*Formulate 2 questions about the data (e.g., what are popular shows in different countries?). With those 2 questions write basic SQL queries (WHERE, ORDER BY) to find answers.*

**For example the following are the question with its findings;**

1. Which movie featured instructor Gerald as a director? There is a total of 4 shows

SELECT director, COUNT(\*) AS count

FROM netflix\_titles

**WHERE director = ‘Gerald’;**

1. .
2. .
3. .

Lastly share what you learned from the answers e.g:

**What I have learned from the dataset.**

1. Identifying the most common genre helps us understand the predominant type of content on Netflix.
2. .
3. .
4. .
5. At least 5 or more

**Graph Visualization**

**Use your analysis information in document that you would have created to form a pitch deck instructor Nelly taught you how to do it properly.**

1. **How to submit:  
     
   Pitch deck Presentation :**
   * Prepare a short pitch deck presentation to showcase your work example structure:
     + Introduce the dataset and your goals.
     + Briefly explain the import process and the **interesting thing** you found.
     + Share the **2 cool facts** you discovered.
     + Discuss your questions, SQL queries, and what you learned.
     + Present your charts and explain their meaning.
     + Briefly summarise your project.
2. **GitHub Repository:**
   * Create a public GitHub repository and upload the following:

* A document ( MS Word/ Textfile) containing all your SQL queries.