



SQL module 5 Assessment

You have been employed as a Data Analyst for your community council. An enormous project is ongoing, and the council requires your expertise in querying databases. Using the Murder Mystery DB, answer the following questions. See the link to download the DB below:

https://drive.google.com/drive/folders/1IXIySbw0wi2sA5G66gQiN8olvdK4sn0x?usp=drive_link

Question 1.

What are the popular car brands in the community? Show a table that shows a summary of car brands and number of persons that owns that brand.

[Expected output Sample]

Car Brand	Number of cars
Kia	10
IVM	7
Honda	5

Question 2.

The council is thinking of creating a fund raiser. please identify the **top 20** highest earning individuals in the community.

It would be nice if you can show us in the table the following:

Their name, their address, their age, gender, the type of car they drive.

[Expected Output Sample]

Name	Address	Age	Gender	Car Type
Toyin Tomato	Allen Avenue	33	f	Hyundia
Michael Schofield	Fox River	32	m	Ford
Liquid Metal	Abidoshaker	38	m	Toyota

Question 3.

The council have been having some concerns over pressures on the use of some available public places such as libraries, parks etc. Help the council generate a summary table that shows the **name of the street** and the **number of persons living in that street**.

[Expected Output Sample]

Street Name	Population
Allen Avenue	30
Fox River	25

Question 4

The government is planning on promoting fitness. But they will need to know some facts about the fitness centre in the DB.

- a.) **How many** males and females are currently registered at the gym?
- b.) What is the breakdown of the **membership status**? [that is, how many people are there for each membership category?]

[Expected Output Sample]

Gender	Population
m	101
f	99

Membership Status	Population
Novice	300
Professional	250
Veteran	200

Please, save all your queries in one script.

Please note that the [Expected Sample Output] is only telling you the format of what your result should be. The data in the expected output is not related to the DB you are querying. It's just an example.

Submission deadline: Saturday 21st of June 2025

link to submit assessment: <https://forms.gle/YwEZBKK96FL3z7HWA>

When you are done with this assessment feel free to share your learning on Instagram/Facebook/Linkedin ensure to tag us (Welup Digital) on the post. Thanks.