



GTA: Bay City Hustle – SQL Training Missions

MISSION 1: Suspect Scanner

Objective: Practice using WHERE to filter data

Story:

Claudia “Codewitch” Trejo has tapped into the Bay City suspect registry. She’s looking for known troublemakers with a Wanted Level of 2 or higher to flag for further investigation.

Assignment:

Write a SQL query to return all suspects with a WantedLevel of 2 or more. Include the suspect's name, alias, and wanted level.

MISSION 2: Vehicle Watchlist

Objective: Use JOIN and WHERE to combine tables and filter stolen data

Story:

Jakeyl “Beardstorm” Millan is tasked with locating all stolen vehicles. He needs a list that matches each stolen vehicle to its owner.

Assignment:

Write a query that returns the name of the suspect, the vehicle type, and the brand of all stolen vehicles (where IsStolen = 1).

MISSION 3: Reward Tracker

Objective: Use GROUP BY, SUM, and ORDER BY to calculate totals

Story:

Frederick “Freddie Finesse” is reviewing his crew’s earnings. He wants to know who completed the most valuable missions so he can pay out bonuses.

Assignment:

Write a SQL query that shows:

- The name of each suspect
- The total money earned from completed missions

Group by name and order by earnings from highest to lowest.

MISSION 4: Mission Speed Metrics

Objective: Use GROUP BY with MIN, MAX, and aggregate logic

Story:

Kevin “Sunset Sniper” Gagante wants a speed report. Some agents move like lightning, others crawl. He wants to know who’s fastest, who’s slowest, and how many missions each agent has completed.

Assignment:

For each suspect who completed missions, return:

- Their name
- The number of missions completed
- Their fastest time
- Their slowest time

MISSION 5: Elite Agent Filter

Objective: Combine aggregates and use HAVING

Story:

Emilya “E-Mage” Illeeva is assembling a secret elite unit. She needs agents who completed at least 2 missions and earned \$4000 or more in total rewards.

Assignment:

Write a query that returns the names of suspects who:

- Completed at least 2 missions
- Earned \$4000 or more total

Only show those who meet both conditions.

Solutions

MISSION 1: Suspect Scanner

Expected Result:

A list of suspects who have a WantedLevel of 2 or higher. Example values:

- **Chi-neme-rem Agana (Ghostface) – 2**
- **Marq Alejandro (Firewall) – 2**
- **Frederick Canning (Freddie Finesse) – 3**
- **Jakeyl Millan (Beardstorm) – 2**
- **J Torres (Midnight Mapper) – 2**

Total rows expected: 5

MISSION 2: Vehicle Watchlist

Expected Result:

A list showing which suspects have a stolen vehicle, including:

- **Remsey Mailjard – Motorcycle, ShadowRider**
- **Jakeyl Millan – Scooter, Zoomie**
- **J Torres – Van, StealthWagon**

Total rows expected: 3

MISSION 3: Reward Tracker

Expected Result:

Names and total earnings of suspects who completed at least one mission, ordered from highest to lowest earnings. Top examples:

- **Marq Alejandro – \$5000**
- **Claudia Trejo – \$6000**
- **Remsey Mailjard – \$3000**
- **Cricelia Prado – \$1500**
- **Chi-neme-rem Agana – \$1500**

Total rows expected: 5

MISSION 4: Mission Speed Metrics

Expected Result:

Each agent's name, how many missions they completed, and the fastest and slowest time. Example rows:

- **Remsey Mailjard - 1 mission - Fastest: 40 min - Slowest: 40 min**
- **Marq Alejandro - 1 mission - Fastest/Slowest: 60 min**
- **Cricelia Prado - 1 mission - Fastest/Slowest: 25 min**
- **Chi-neme-rem Agana - 1 mission - Fastest/Slowest: 20 min**
- **Claudia Trejo - 1 mission - Fastest/Slowest: 55 min**

Total rows expected: 5

MISSION 5: Elite Agent Filter

Expected Result:

Only the suspects who completed at least 2 missions and earned \$4000 or more total.

Expected output:

- **Claudia Trejo**

Total rows expected: 1