

FIGMENT ASSIGNMENT:

Task 3:

Here is the github link for this task:

https://github.com/Suhansh/figment_assignment

Task 4:

```
SELECT *  
FROM Rewards  
WHERE Address == "axelar120zgt5384kj4qlrv5z7ag38efgelyfykr6xnjf" AND Date >=  
'2025-01-01' AND Date <= '2025-01-31';
```

Task 5:

Manual Troubleshooting : Check for any typing errors like in addresses or incorrect format. Manual systems can cause many errors so we can check logs for specific dates and time to see if the data was collected correctly. Double check that the data entered matches with the actual data for example entered '132' instead of '123'. Check if the permission and access to the database is given to the person entering the data.

SAAS Troubleshooting : Since the data collection is automated in the SAAS system the main errors can occur in configuration like if the address of account is properly set or not. SAAS uses API to pull the data so check if the API calls are limited or if there is outage of API which might prevent the collection of data and also validate the API key. Also the data collected is transferred automatically into csv files so check if the file is properly created or not, or if the file is not corrupted.

Task 6:

```
CREATE TABLE NewRewards AS  
SELECT r.Date, r.Address, r.Protocol, r.Balance, r.rewards, (v.Address IS NOT NULL) AS  
IsFigmentValidator  
  
FROM Rewards r  
LEFT JOIN "Figment Validators" v  
ON r.Address == v.Address AND r.Protocol == v.Protocol;
```