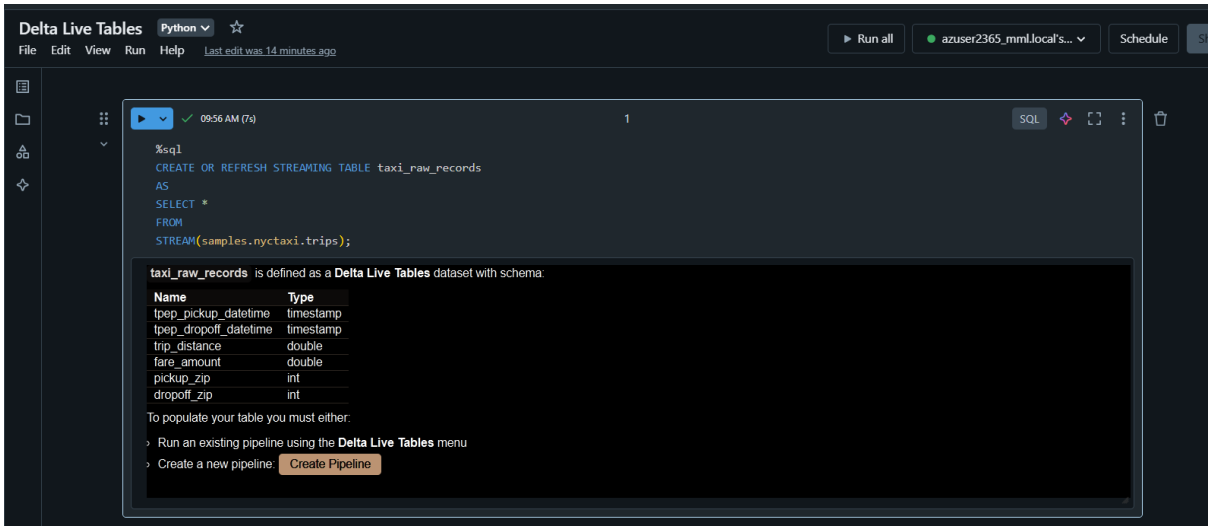
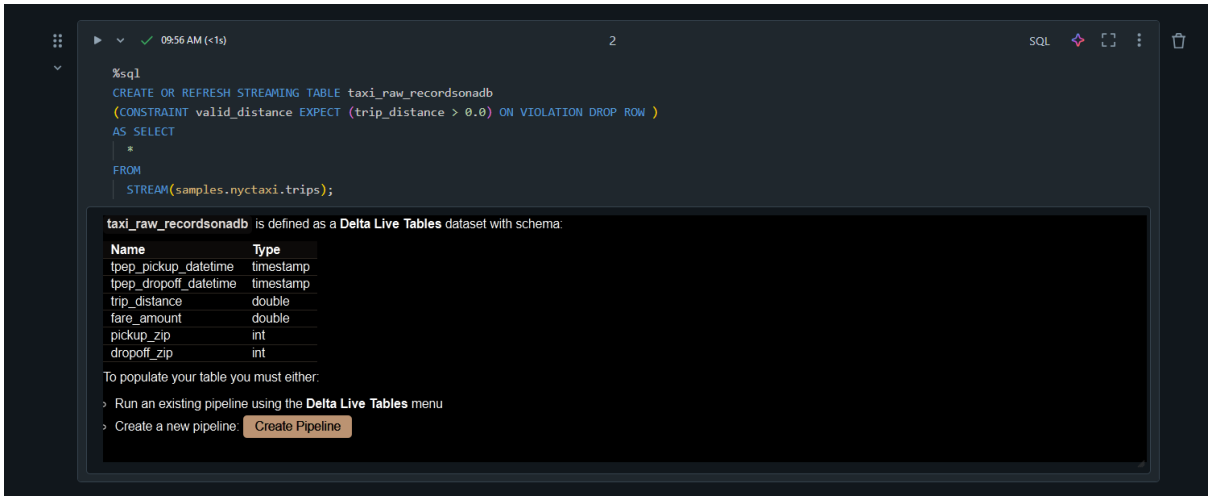
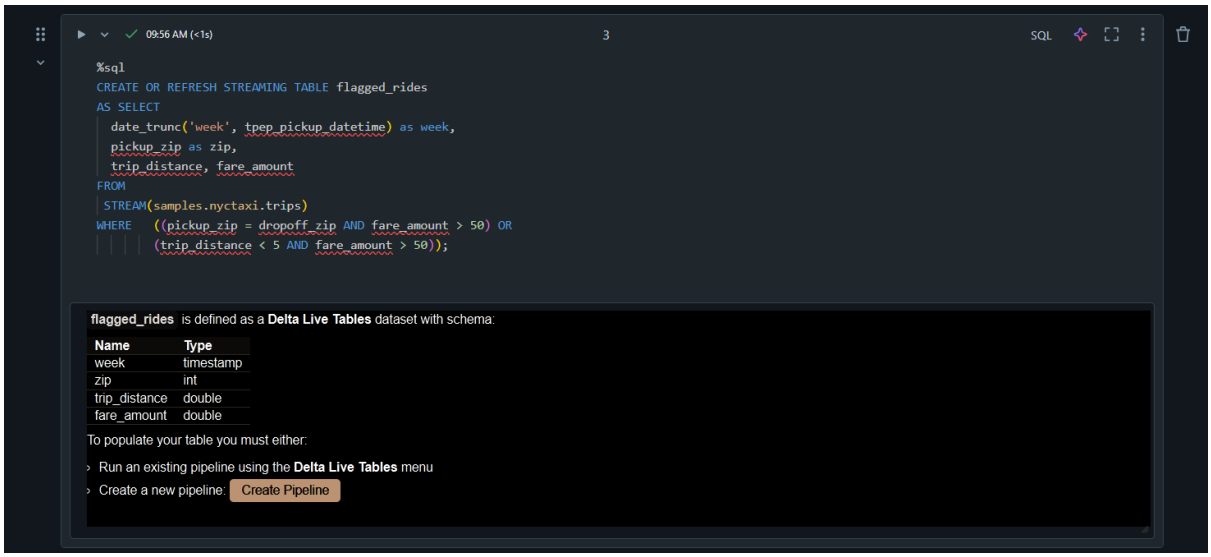
Daily Assignment 5 (Azure)

Name: **Harish E.R**







09:56 AM (<1s) 4 SQL

```
%sql
CREATE
OR REFRESH MATERIALIZED VIEW weekly_stats
AS SELECT
  date_trunc("week", tpep_pickup_datetime) as week,
  AVG(fare_amount) as avg_amount,
  AVG(trip_distance) as avg_distance
FROM
  live.taxi_raw_records
GROUP BY
  week
ORDER by week ASC;
```

weekly_stats is defined as a **Delta Live Tables** dataset with schema:

Name	Type
week	timestamp
avg_amount	double
avg_distance	double

To populate your table you must either:

- Run an existing pipeline using the **Delta Live Tables** menu
- Create a new pipeline: Create Pipeline

09:56 AM (<1s) 5 SQL

```
%sql
CREATE OR REPLACE MATERIALIZED VIEW top_m
AS SELECT
  weekly_stats.week,
  ROUND(avg_amount,2) as avg_amount,
  ROUND(avg_distance,3) as avg_distance,
  fare_amount,trip_distance, zip

  FROM live.flagged_rides
  LEFT JOIN live.weekly_stats ON flagged_rides.week = weekly_stats.week
  ORDER BY fare_amount DESC;
```

top_m is defined as a **Delta Live Tables** dataset with schema:

Name	Type
week	timestamp
avg_amount	double
avg_distance	double
fare_amount	double
trip_distance	double
zip	int

To populate your table you must either:

- Run an existing pipeline using the **Delta Live Tables** menu
- Create a new pipeline: Create Pipeline