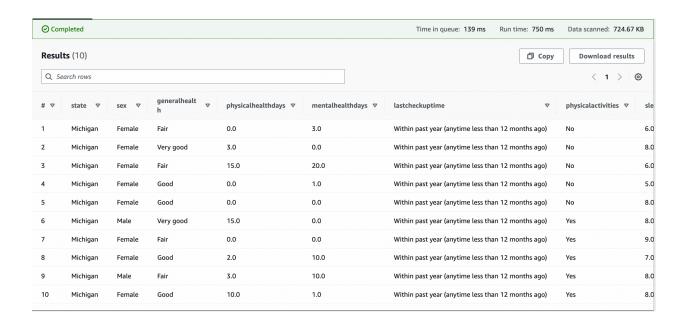
#### **Athena Queries**

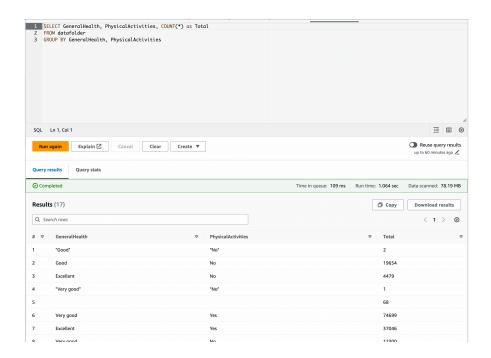
### Query1: To verify the data imported from S3

SELECT \* FROM "group15project-db"."datafolder" limit 10



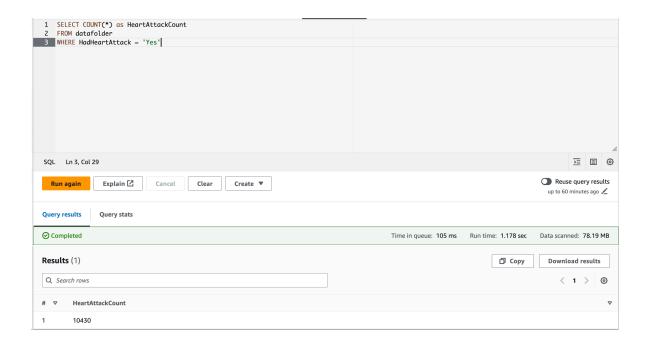
## Query2: Query to understand the general health status distribution

SELECT GeneralHealth, PhysicalActivities, COUNT(\*) as Total FROM datafolder GROUP BY GeneralHealth, PhysicalActivities



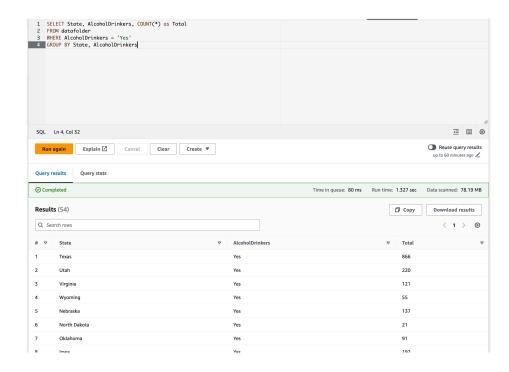
# Query3: Finding Out no of records for Heart attacks in the dataset

SELECT COUNT(\*) as HeartAttackCount FROM datafolder WHERE HadHeartAttack = 'Yes'



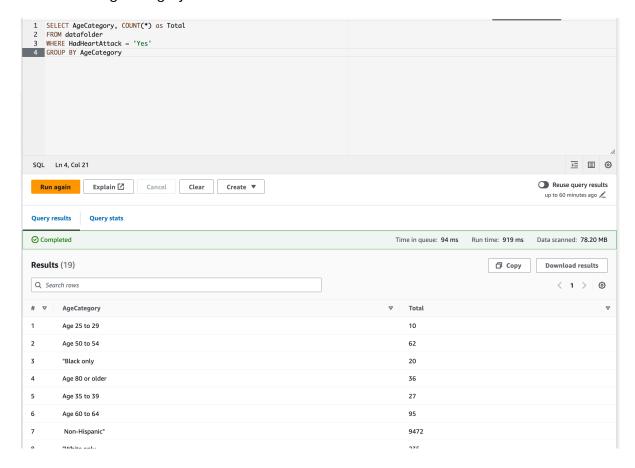
#### Query4: Query to understand alcohol drinkers in each state

SELECT State, AlcoholDrinkers, COUNT(\*) as Total FROM datafolder WHERE AlcoholDrinkers = 'Yes' GROUP BY State, AlcoholDrinkers



# Query5: Query to understand heart attack trends in different age groups

SELECT AgeCategory, COUNT(\*) as Total FROM datafolder WHERE HadHeartAttack = 'Yes' GROUP BY AgeCategory



## Other SQL Queries used for exploring in Athena:

SELECT SleepHours, COUNT(\*) as NumberOfPeople FROM your\_table GROUP BY SleepHours ORDER BY SleepHours;

SELECT State, Sex, AVG(BMI) as AverageBMI FROM your\_table GROUP BY State, Sex;

SELECT AgeCategory, LastCheckupTime, COUNT(\*) as Total FROM your\_table GROUP BY AgeCategory, LastCheckupTime;

SELECT PhysicalActivities, AVG(SleepHours) as AvgSleepHours FROM your\_table GROUP BY PhysicalActivities;

SELECT State, COUNT(\*) as Total FROM your\_table WHERE BlindOrVisionDifficulty = 'Yes' GROUP BY State;

SELECT COUNT(\*) as Total FROM your\_table WHERE GeneralHealth = 'Poor' AND MentalHealthDays > 5;