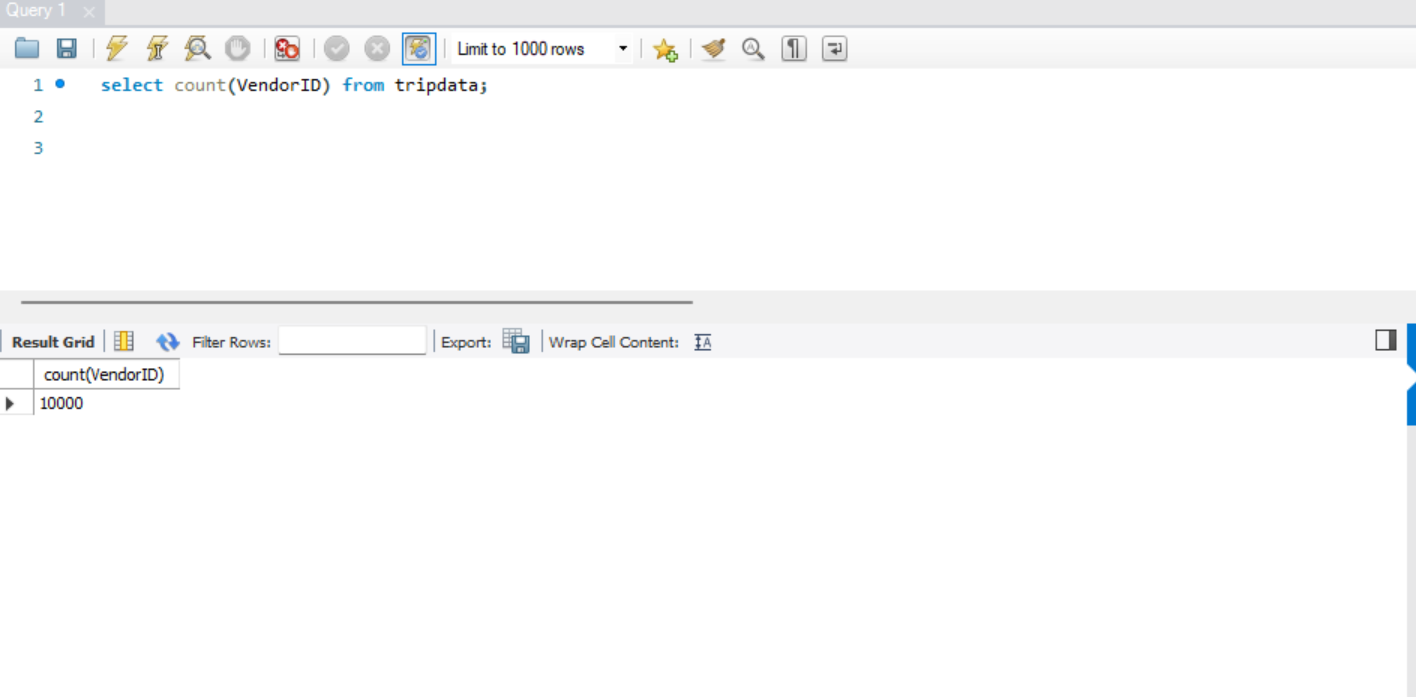
Final Project

Scoop command

sqoop import --connect jdbc:mysql://localhost:3306/Hexaware --driver com.mysql.jdbc.Driver --table tripdata -m 1 --username root --password Dhrumil@123

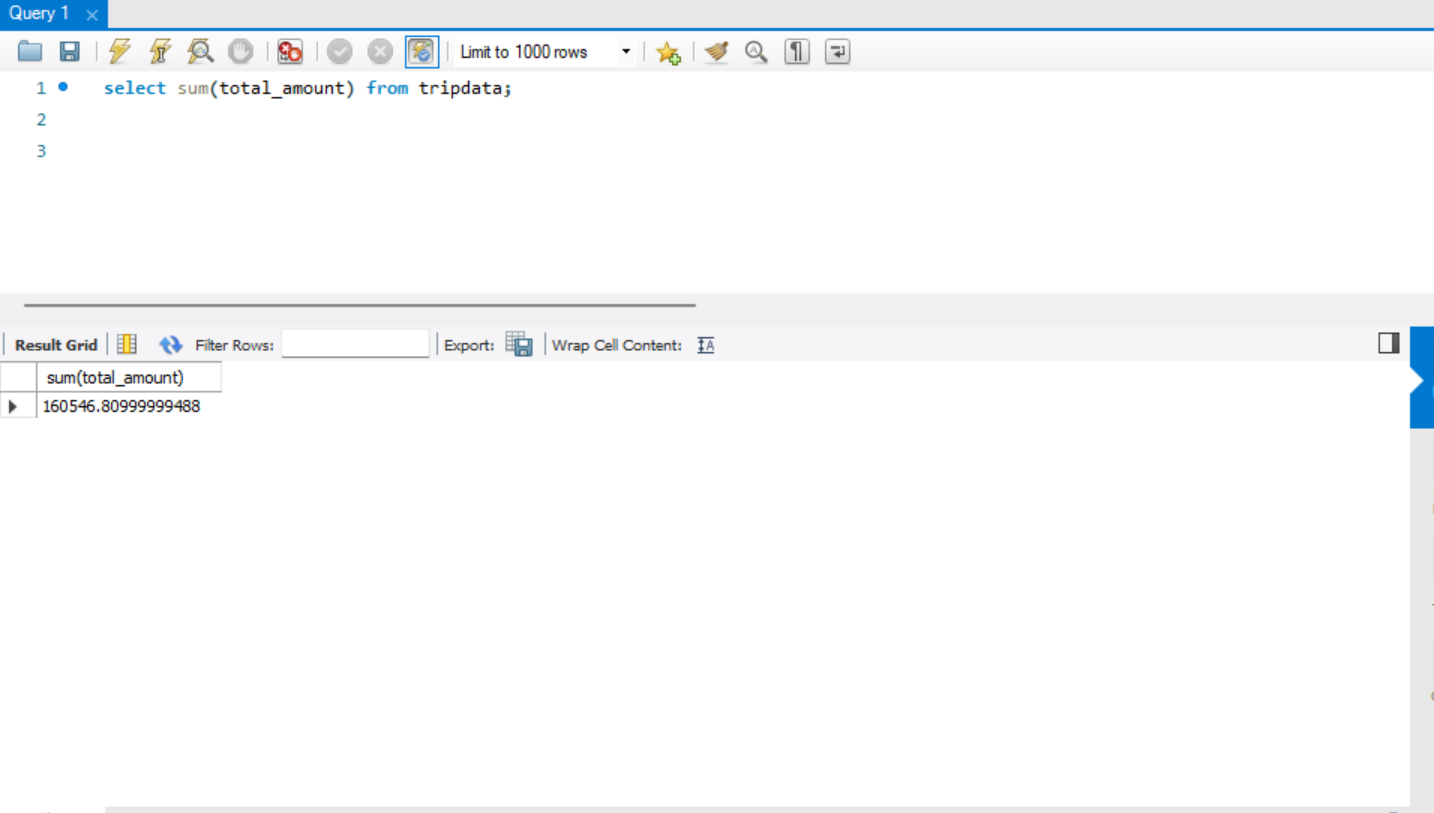
**What is the total number of trips (equal to the number of rows)?**

select count(VendorID) from tripdata;



**What is the total revenue generated by all the trips?**

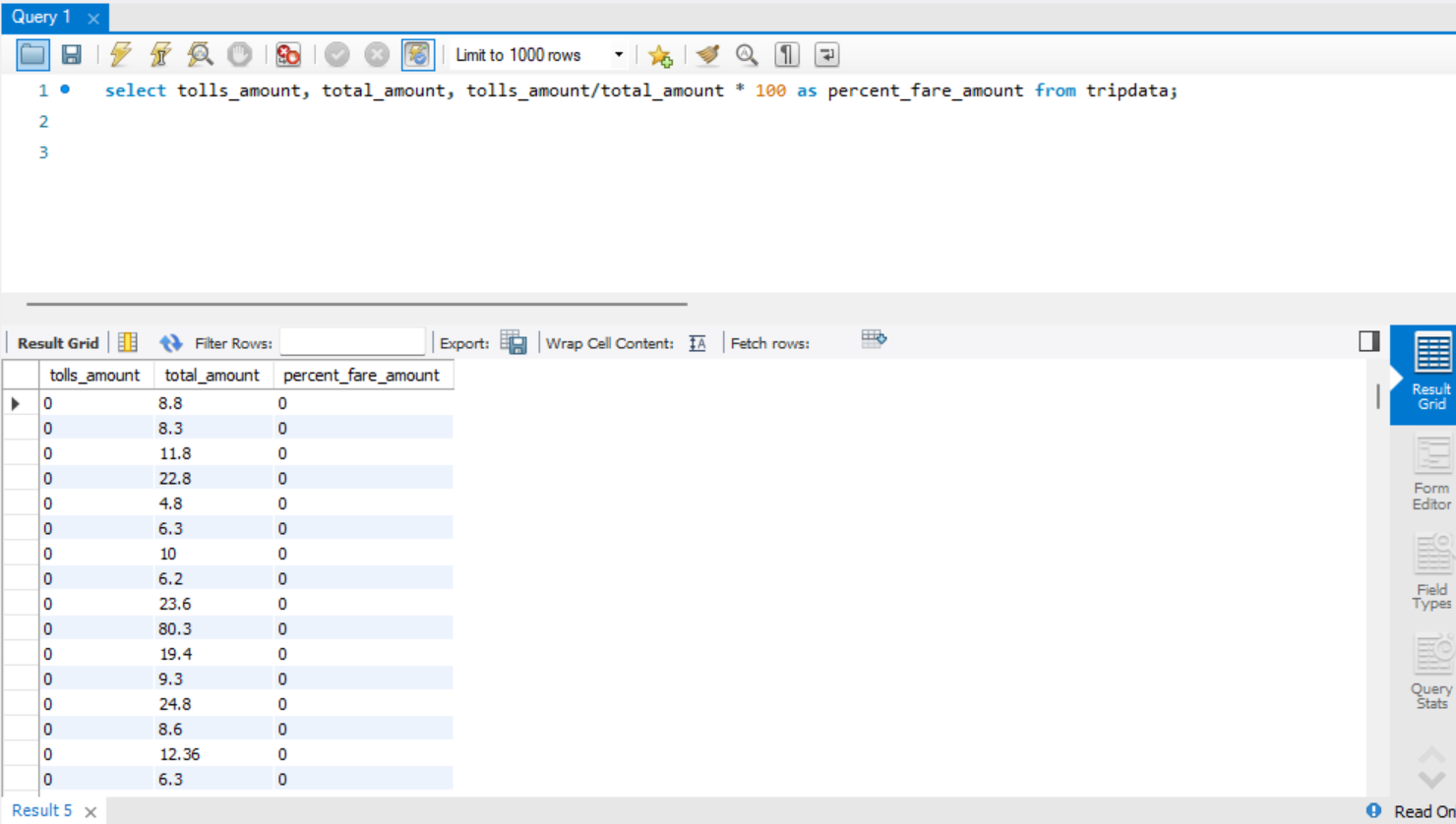
select sum(total\_amount) from tripdata;



**What fraction of the total is paid for tolls?**

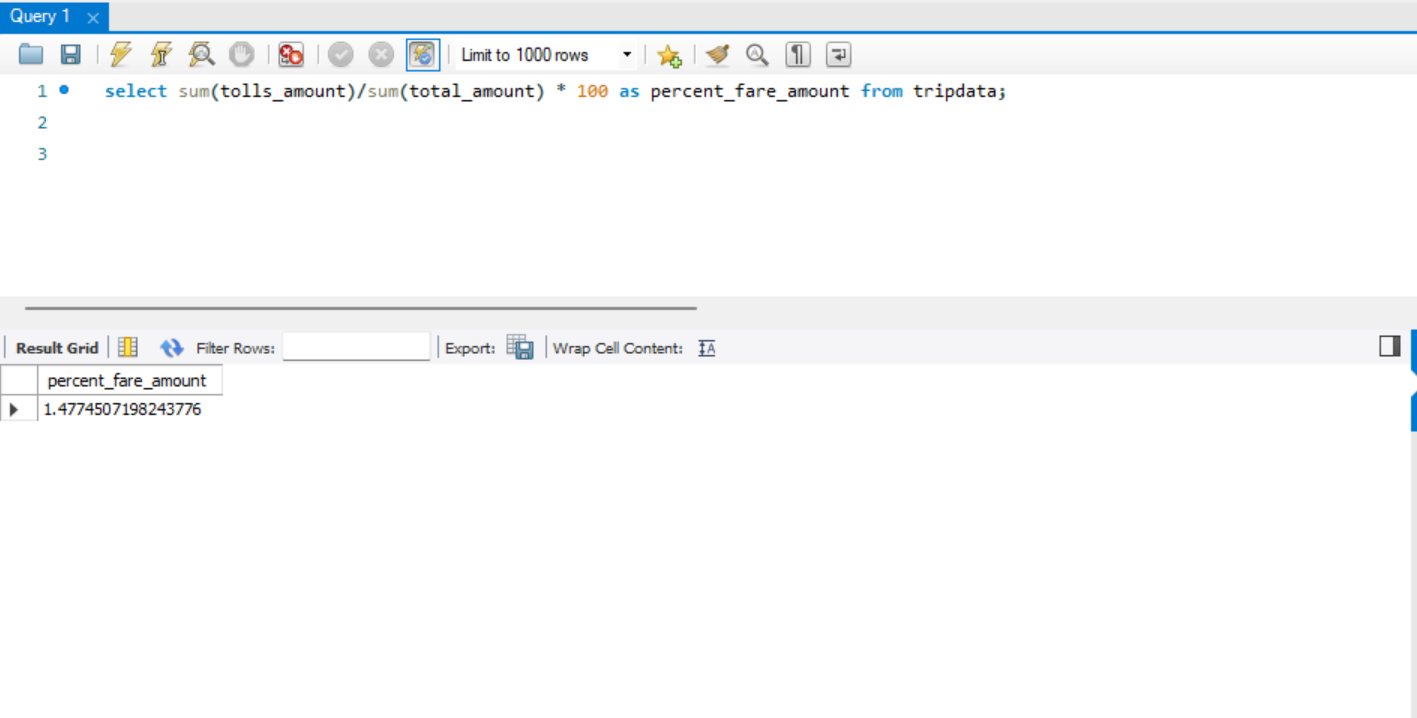
**Rowwise**

select tolls\_amount, total\_amount, tolls\_amount/total\_amount \* 100 as percent\_fare\_amount from tripdata;



**total**

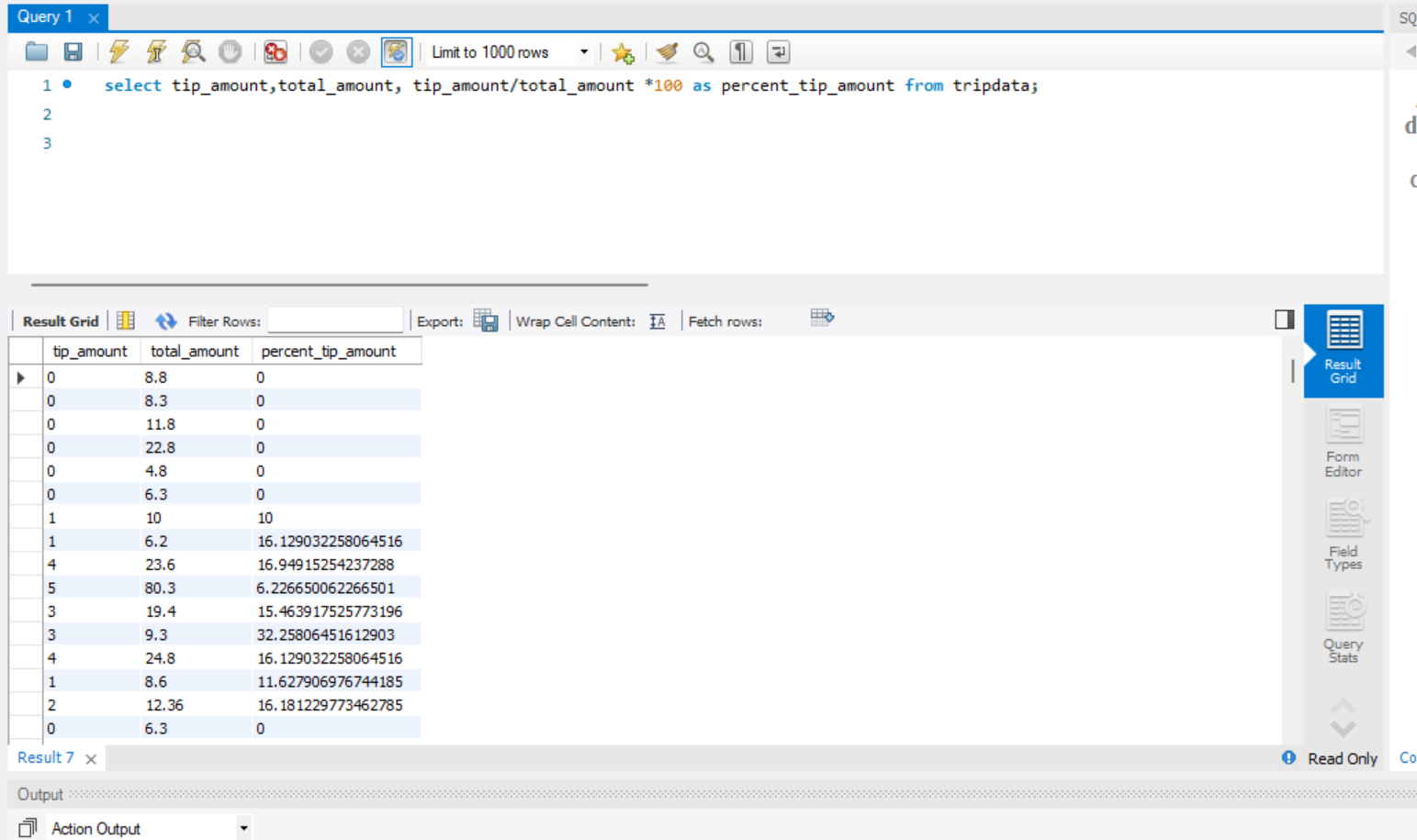
select sum(tolls\_amount)/sum(total\_amount) \* 100 as percent\_fare\_amount from tripdata;



**What fraction of it is driver tips?**

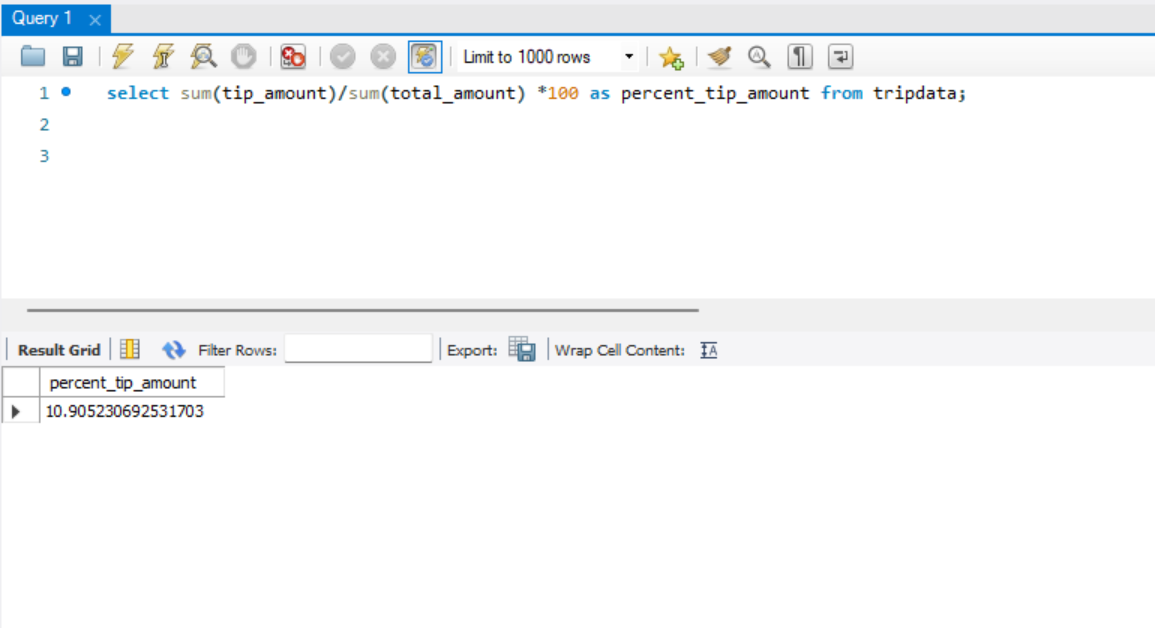
**rowwise**

select tip\_amount,total\_amount, tip\_amount/total\_amount \*100 as percent\_tip\_amount from tripdata;



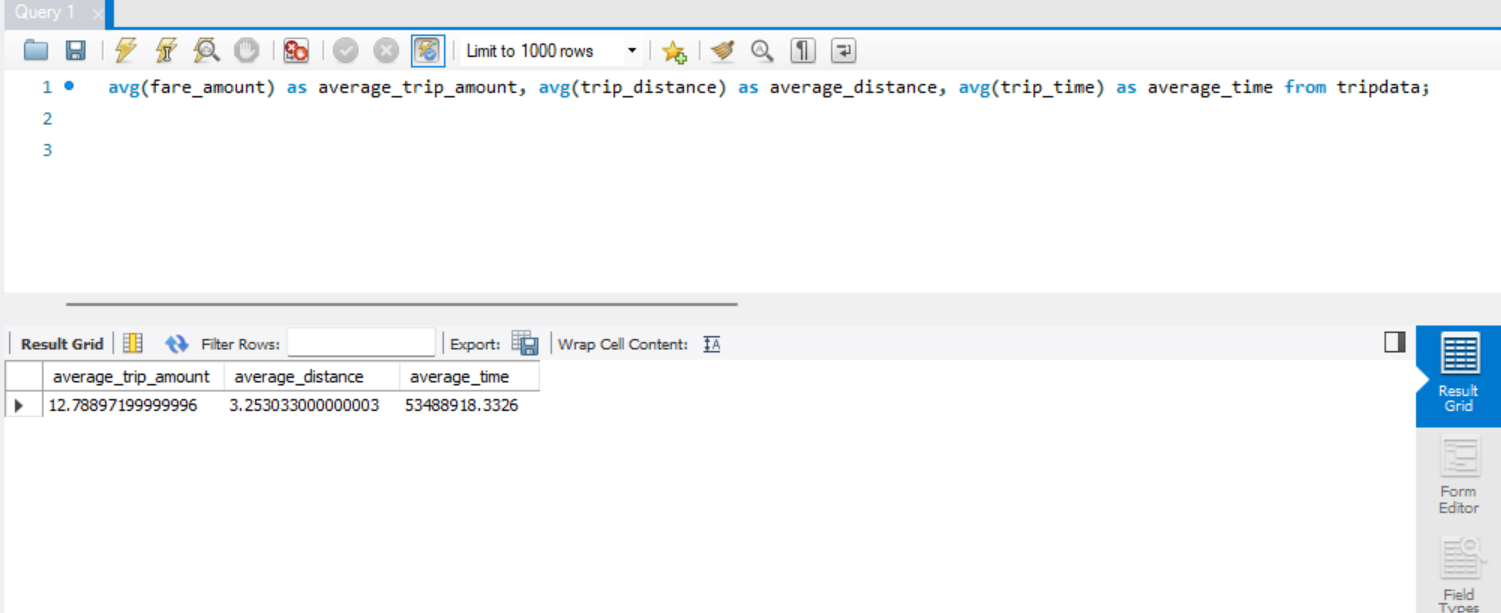
**total**

select sum(tip\_amount)/sum(total\_amount) \*100 as percent\_tip\_amount from tripdata;



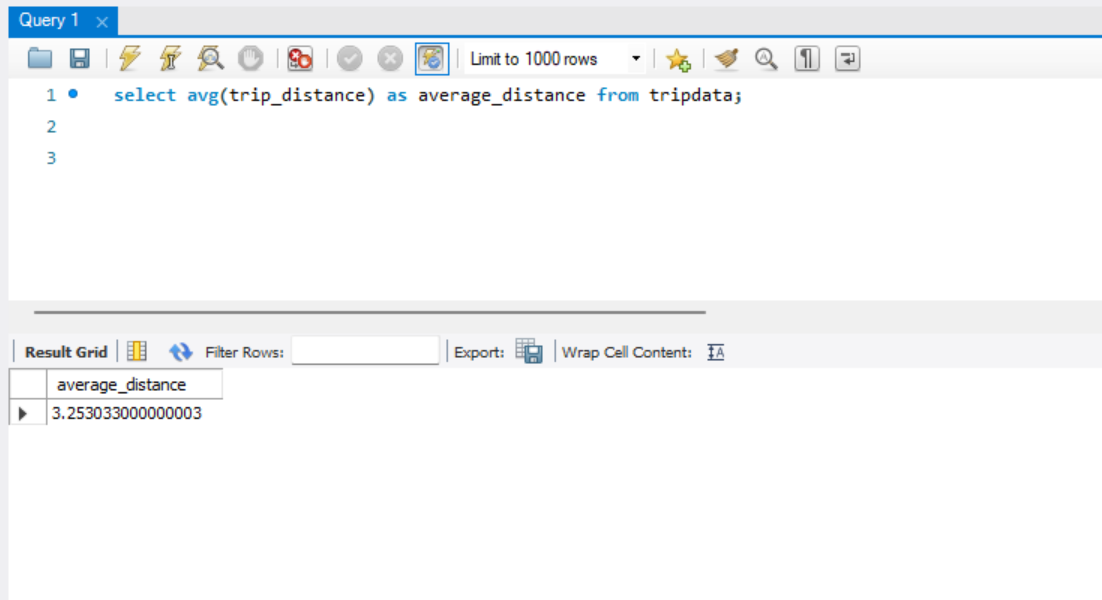
**What is the average trip amount?**

select avg(fare\_amount) as average\_trip\_amount, avg(trip\_distance) as average\_distance, avg(trip\_time) as average\_time from tripdata;



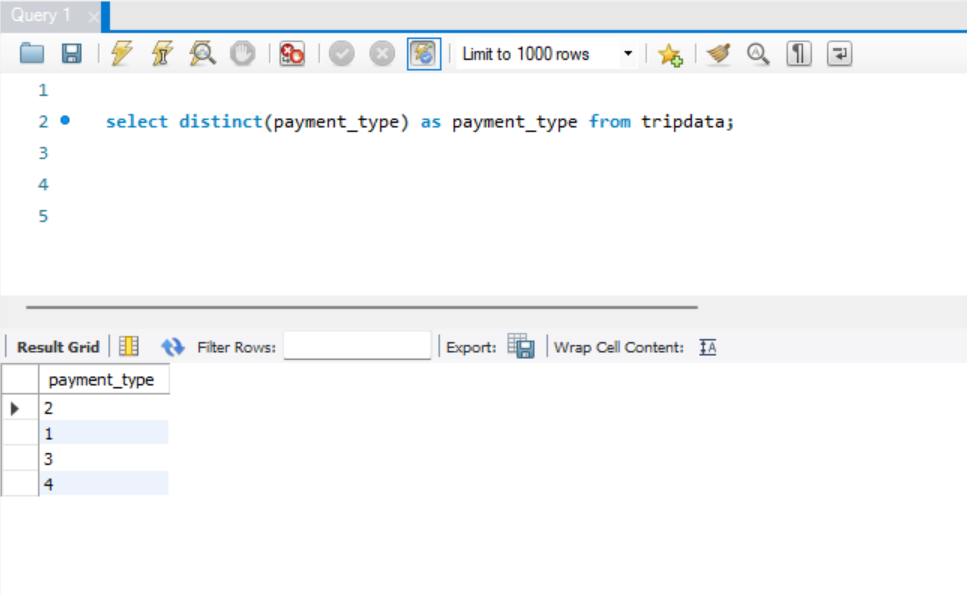
**What is the average distance of the trips?**

select avg(trip\_distance) as average\_distance from tripdata;



**How many different payment types are used?**

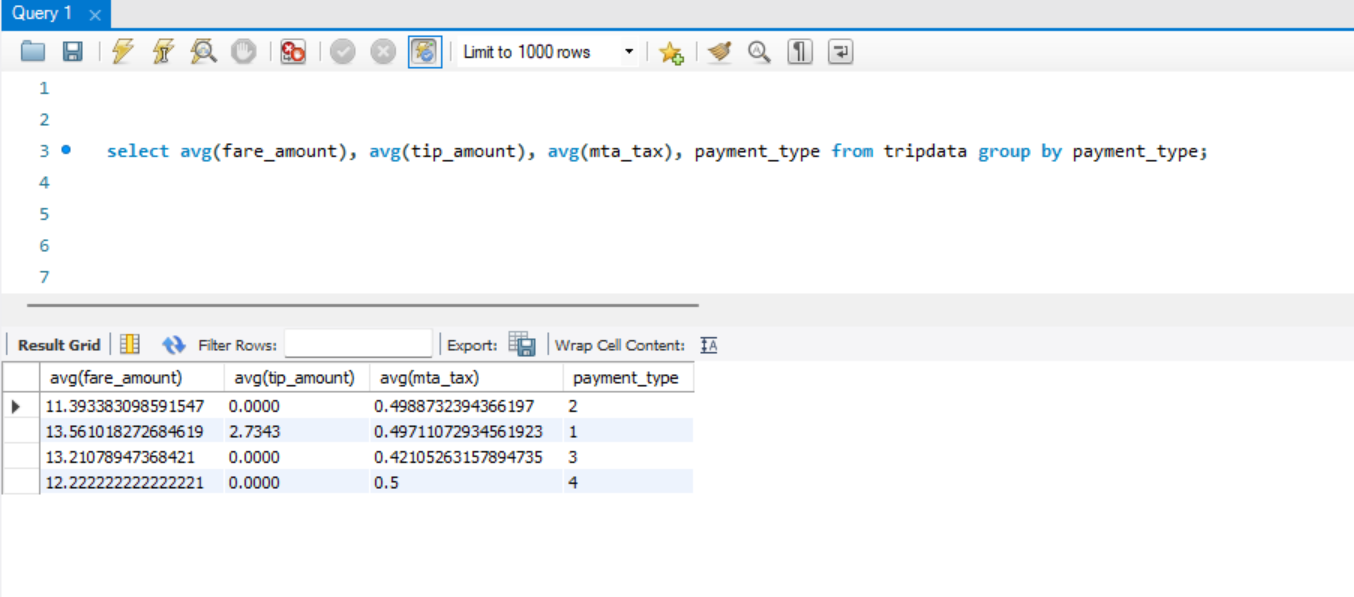
select distinct(payment\_type) as payment\_type from tripdata;



**For each payment type, display the following details:**

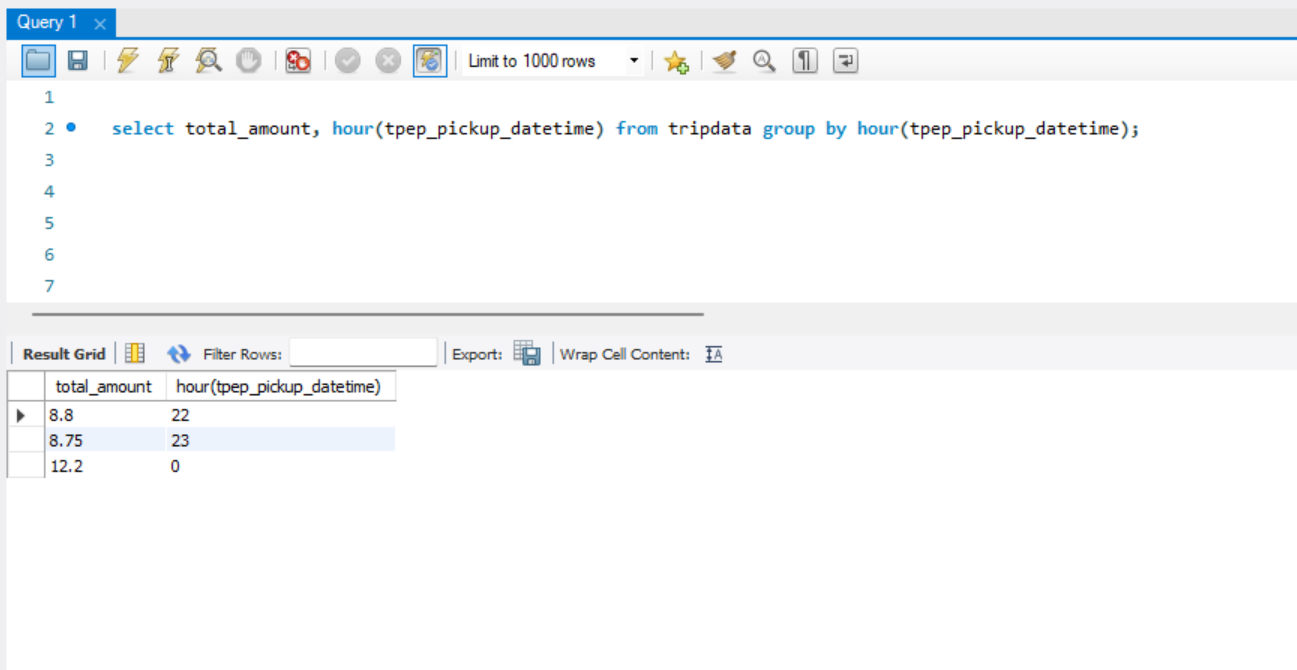
1. **Average fare generated**
2. **Average tip**
3. **Average tax**

select avg(fare\_amount), avg(tip\_amount), avg(mta\_tax), payment\_type from tripdata group by payment\_type;



**On average which hour of the day generates the highest revenue?**

select total\_amount, hour(tpep\_pickup\_datetime) from tripdata group by hour(tpep\_pickup\_datetime);



e distance ofselect avg(fare\_amount), avg(tip\_amount), avg(mta\_tax), payment\_type from tripdata group by payment\_type; the trips