**Hadoop-hdfs- scoop—hive**

1. what is the total number of trips(equal to the number of rows)?

select count(\*) from yellowtripdata;

Graphical user interface, text, application, email

Description automatically generated

1. what is the total revenue generated by all the trips?

select sum(total\_amount) from yellowtripdata;

A screenshot of a computer

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1. What fraction of the total is paid for tolls?

select (sum(tolls\_amount)/sum(total\_amount))\*100 from yellowtripdata;

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1. What fraction of it is driver tips?

select (sum(tip\_amount)/sum(total\_amount))\*100 from yellowtripdata;

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1. What is the average trip amount?

select sum(total\_amount)/count(\*) from yellowtripdata;

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1. What is the average distance of the trips?

select sum(trip\_distance)/count(\*) from yellowtripdata;

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1. How many different payment types are used?

Select count(distinct payment\_type) from yellowtripdata;

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1. For each payment type display the following details:
2. average fare generated

select payment\_type,avg(fare\_amount) from yellowtripdata group by payment\_type order by payment\_type;

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1. average tip

select payment\_type, avg(tip\_amount) from yellowtripdata group by payment\_type order by payment\_type;

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1. average tax

select payment\_type, avg(mta\_tax) from yellowtripdata group by payment\_type order by payment\_type;

Graphical user interface, text, application, email

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1. On average, which hour of the day generates the highest revenue?