# Manipulate, Modify & Manage

## SQL Operations

### SELECT

### INSERT

### GROUP BY

### JOIN

### MULTITABLE INSERT

## DDL Operations

### CREATE

### SHOW

### DESCRIBE

### ALTER

### DROP

## DML Operations

### Loading

### Insert

### Update

### Delete

### Merge

## create table temp\_drivers (col\_value STRING);

## LOAD DATA INPATH '/user/maria\_dev/drivers.csv' OVERWRITE INTO TABLE temp\_drivers;

## SELECT \* FROM temp\_drivers LIMIT 10;

## CREATE TABLE drivers (driverId INT, name STRING, ssn BIGINT, location STRING, certified STRING, wageplan STRING);

## insert overwrite table drivers

## SELECT

## regexp\_extract(col\_value, '^(?:([^,]\*),?){1}', 1) driverId,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){2}', 1) name,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){3}', 1) ssn,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){4}', 1) location,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){5}', 1) certified,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){6}', 1) wageplan

## from temp\_drivers;

## CREATE TABLE temp\_timesheet (col\_value string);

## LOAD DATA INPATH '/user/maria\_dev/timesheet.csv' OVERWRITE INTO TABLE temp\_timesheet;

## CREATE TABLE timesheet (driverId INT, week INT, hours\_logged INT , miles\_logged INT);

## insert overwrite table timesheet

## SELECT

## regexp\_extract(col\_value, '^(?:([^,]\*),?){1}', 1) driverId,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){2}', 1) week,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){3}', 1) hours\_logged,

## regexp\_extract(col\_value, '^(?:([^,]\*),?){4}', 1) miles\_logged

## from temp\_timesheet;

## SELECT driverId, sum(hours\_logged), sum(miles\_logged) FROM timesheet GROUP BY driverId;

## SELECT driverId, sum(hours\_logged), sum(miles\_logged) FROM timesheet GROUP BY driverId;