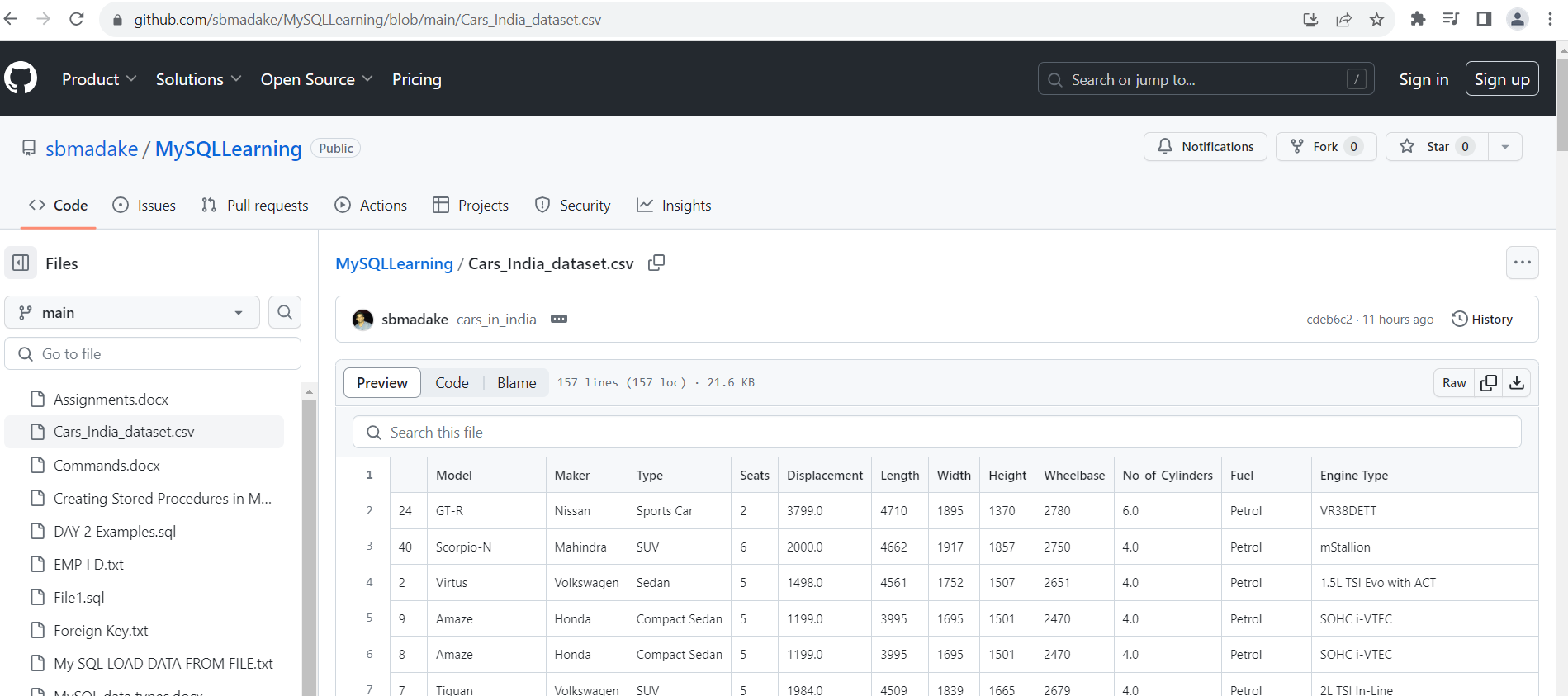
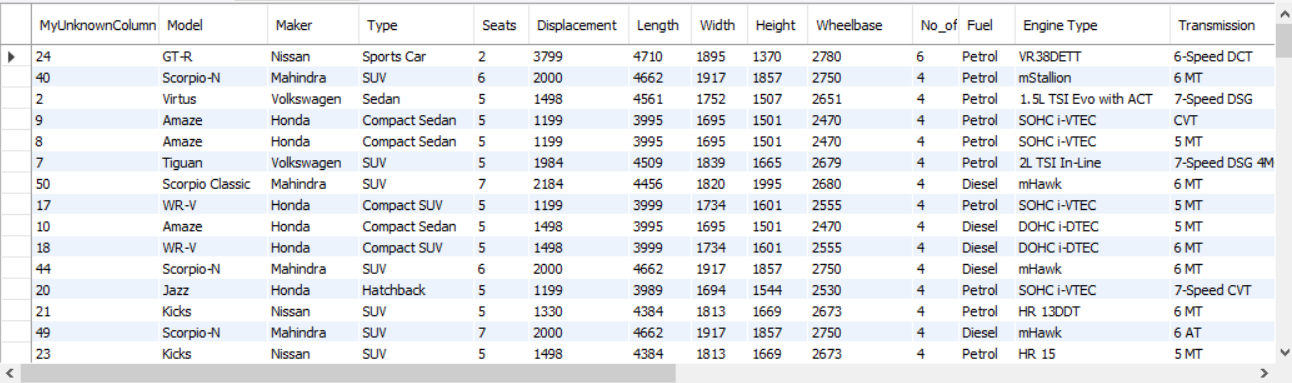
**MySQL DAY 2 (21-SEP-2023)**

Import cars table data from <https://github.com/sbmadake/MySQLLearning/blob/main/Cars_India_dataset.csv>



select \* from cars\_india\_dataset;



select count(\*) 'Total\_Count',type from cars\_india\_dataset group by Type having count(\*)>10;

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Description automatically generated

# To retrieve unique records from a table

select distinct fuel from cars\_india\_dataset;

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select distinct type from cars\_india\_dataset;

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select count(\*),fuel from cars\_india\_dataset group by Fuel;

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Description automatically generated

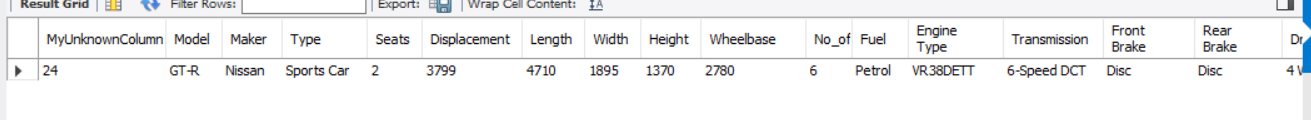
# MySQL DISTINCT Clause with multiple expression

select distinct type,fuel from cars\_india\_dataset;

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select distinct \* from cars\_india\_dataset where Model='GT-R';



# Primary key and Foreign key

#Table 1

CREATE TABLE department(dept\_id int primary key not null, dept\_name varchar(20) not null);

insert into department values(103,'Admin'),(102,'HR'),(101,'Finance');

select \* from department;

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Description automatically generated

#Table 2

create table employee(id int primary key not null,name varchar(50),address varchar(100),age int,dept\_id int,foreign key(dept\_id) references department(dept\_id));

insert into employee values(1,"Anand","Pune",45,101);

insert into employee values(2,"Nitin","Jalgaon",22,102),(3,"Akshay","Pune",22,103);

select \* from employee;

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# Inner Join

# employee e and department d

select e.id,e.name,d.dept\_name from department d inner join employee e on e.dept\_id=d.dept\_id;

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# Left join

SELECT e.id, e.name, d.dept\_name FROM employee e LEFT JOIN department d ON d.dept\_id = e.dept\_id;

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