

```
.
create database healthcare;
create table diabetes_prediction (employeename varchar(100),
patient id varchar(100), gender varchar(10), age int,
hypertension int , heart_disease varchar(50) , smoking_history_varchar(60) ,
bmi double , hbalc_level double , blood_glucose_level int , diabetes int);
desc diabetes_prediction;
LOAD DATA INFILE 'C:\\mysql\\Data\\healthcare\\Copy of Diabetes_prediction.csv'
INTO TABLE diabetes prediction
FIELDS TERMINATED BY ','
IGNORE 1 LINES
(employeename, patient_id, gender, age, hypertension, heart_disease, smoking_history, bmi, hba1c_level,
blood_glucose_level, diabetes);
```

```
select patient_id , age from diabetes_prediction;
select gender , age from diabetes_prediction where gender = 'female' and age>40;
select avg(bmi) as average_bmi from diabetes_prediction;
select employeename , blood_glucose_level from diabetes_prediction order by blood_glucose_level desc ;
select employeename , hypertension , diabetes from diabetes_prediction
 where hypertension=1 and diabetes = 1;
```

```
select employeename , hypertension , diabetes from diabetes_prediction
 where hypertension=1 and diabetes = 1:
 select count(*) as Total_no_of_heart_disease    from diabetes_prediction
 where heart disease=1:
 select smoking_history ,count(*) as Total_no_of_patients    from diabetes_prediction
 group by smoking history:
select patient_id , bmi from diabetes_prediction where bmi >
(select avg(bmi) from diabetes prediction);
select employeename , patient_id , hba1c_level from diabetes_prediction
where hbalc level =(select max(hbalc level) from diabetes prediction)
union all
select employeename , patient_id , hba1c_level from diabetes_prediction
where hba1c_level =(select min(hba1c_level) from diabetes_prediction);
select patient_id , employeename , age as age_in_years from diabetes_prediction;
```

```
select employeename, gender, blood glucose level,
dense_rank() over (partition by gender order by blood_glucose_level desc ) as ranl_no
from diabetes_prediction;
update diabetes_prediction set smoking_history = "ex-smoker"
where age > 50;
insert into diabetes prediction values
('thomas', 'pt759898', 'male', 45,0,0,'never', 20.31,6.5,190,0);
select * from diabetes prediction where hypertension = 1
except
select * from diabetes_prediction where diabetes = 1;
create view patient_details as(select patient_id , age , bmi from diabetes_prediction);
 select * from patient_details;
```