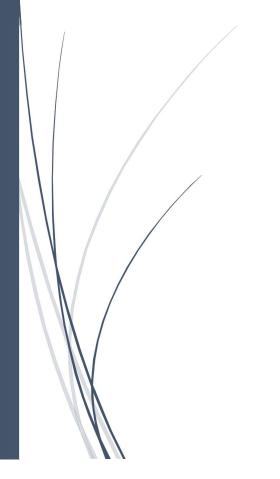
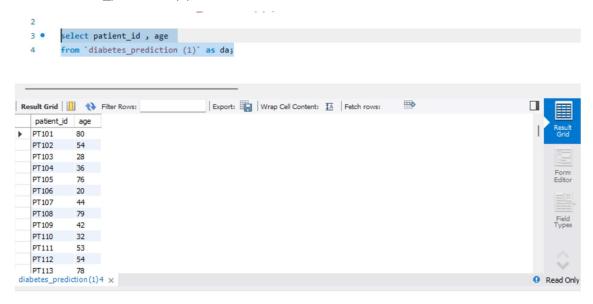
Healthcare Analytics SQL Project



ANUJ SINGH

select patient id, age

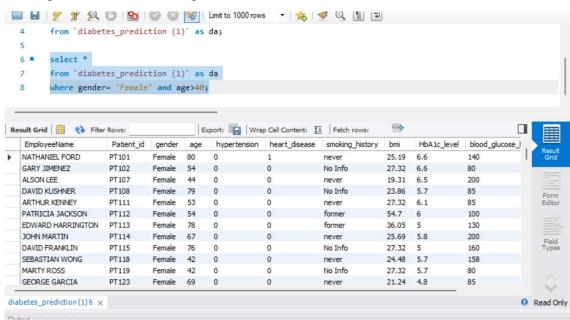
from 'diabetes_prediction (1)' as da;



select *

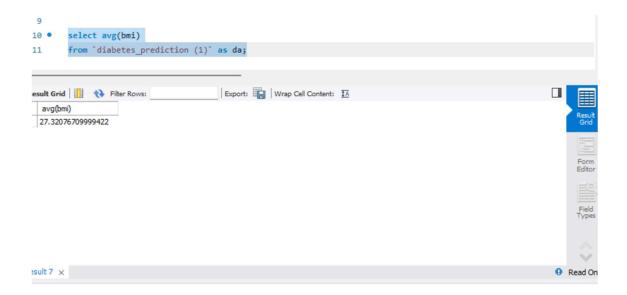
from 'diabetes_prediction (1)' as da

where gender= 'Female' and age>40;



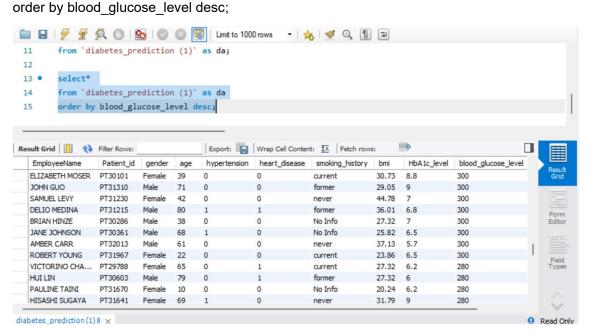
select avg(bmi)

from 'diabetes_prediction (1)' as da;



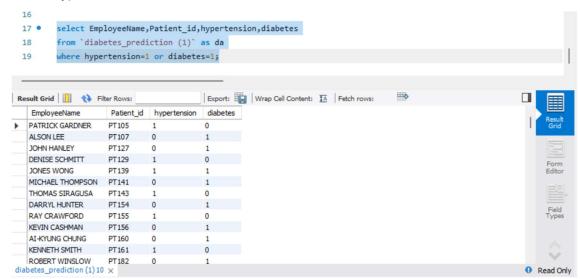
select*

from 'diabetes_prediction (1)' as da



select EmployeeName,Patient_id,hypertension,diabetes from `diabetes_prediction (1)` as da

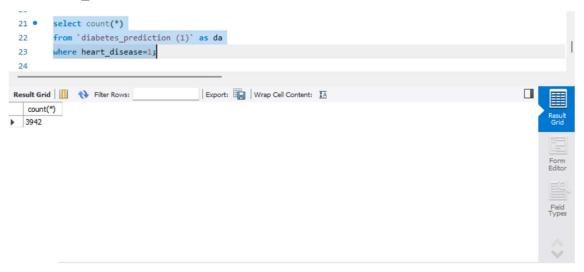
where hypertension=1 or diabetes=1;



select count(*)

from `diabetes_prediction (1)` as da

where heart_disease=1;



select SUM(patient_no) as non_smokers

from (

```
select smoking_history as typeofsmoker,count(*) as patient_no
from 'diabetes prediction (1)'
group by typeofsmoker
) as smokingdata where typeofsmoker IN ('no Info', 'not current', 'never');
 non_smokers
   77358
select SUM(patient_no) as smokers
from (
select smoking history as typeofsmoker, count(*) as patient no
from 'diabetes_prediction (1)'
group by typeofsmoker
) as smokingdata where typeofsmoker IN ('ever', 'current');
 smokers
 13290
select EmployeeName, Patient_id,bmi
from `diabetes_prediction (1)` as original,(
select avg(bmi) as newbmi
from 'diabetes_prediction (1)'
) as derived
where original.bmi>derived.newbmi;
```



SELECT*

FROM 'diabetes_prediction (1)'

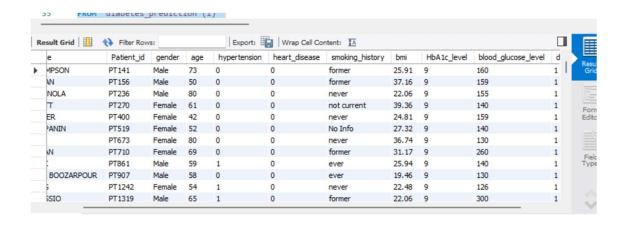
WHERE HbA1c level = (SELECT MAX(HbA1c level) FROM 'diabetes prediction (1)')

UNION

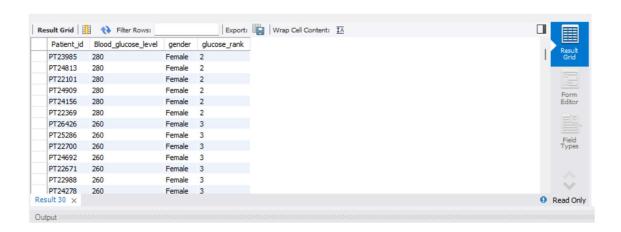
SELECT*

FROM 'diabetes prediction (1)'

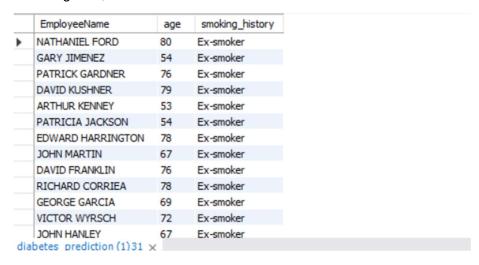
WHERE HbA1c_level = (SELECT MIN(HbA1c_level) FROM `diabetes_prediction (1)`);



select Patient_id,Blood_glucose_level,gender,
dense_rank() over (partition by gender order by Blood_glucose_level desc) as glucose_rank
FROM `diabetes_prediction (1)`



SET SQL_SAFE_UPDATES = 0; update `diabetes_prediction (1)` set smoking_history ='Ex-smoker' where age>50;



insert into 'diabetes prediction (1)'

(EmployeeName,Patient_id,gender,age,hypertension,heart_disease,smoking_history,bmi,Hb A1c_level,blood_glucose_level,diabetes)

values('Anuj','PT34567','male',34,0,0,'never',28.9,5,160,0);

select*

from 'diabetes_prediction (1)'

where EmployeeName ='Anuj'

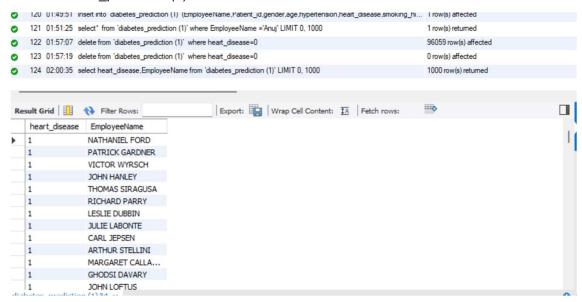


delete from 'diabetes_prediction (1)'

where heart_disease=0;

select heart disease, EmployeeName

from 'diabetes_prediction (1)'



select EmployeeName,Patient_id,hypertension,diabetes from `diabetes_prediction (1)` where hypertension=1

EXCEPT

select EmployeeName,Patient_id,hypertension,diabetes from `diabetes_prediction (1)`

where diabetes=1;

