Semester Project

1. List the total payout that Brakus Inc made for the first quarter of 2017.

SQL Statement Goes Here.

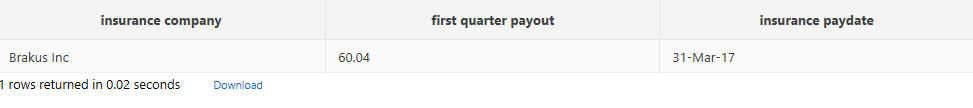
select to\_char(sum(insure\_amount), '$9,999,999.99') "first quarter payout" from INSURE\_PAYMENT

where INSUR\_CODE= (select INSUR\_CODE from insurance

where insur\_name = 'Brakus Inc')

and INSUREPAY\_DATE between '01-Jan-17' and '30-Apr-17';

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1. List the total payout by check Brakus Inc made for 2017.

SQL Statement Goes Here.

select to\_char(sum(insure\_amount), '$9,999,999.99') "first quarter payout" from INSURE\_PAYMENT

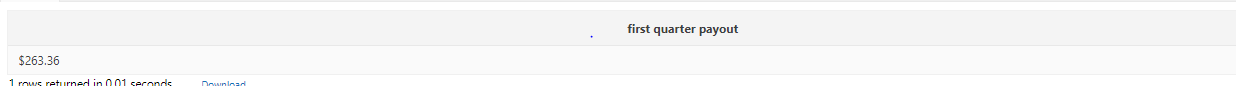
where INSUR\_CODE= (select INSUR\_CODE from insurance

where insur\_name = 'Brakus Inc')

and INSUREPAY\_DATE between '01-Jan-17' and '30-Dec-17'

and INSUREPAY\_TYPE = 'Check' ;

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1. List the patients Dr. Bettlestone treated in 2017.

SQL Statement Goes Here.

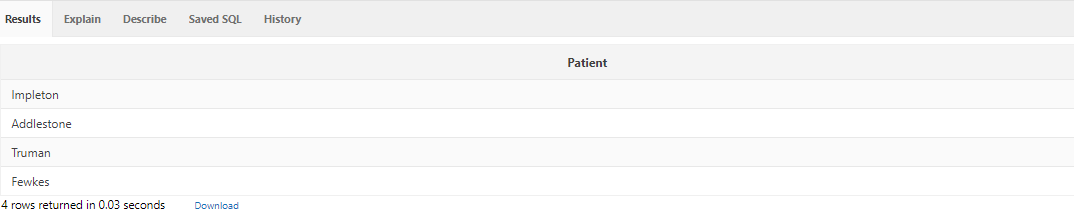
select PAT\_LNAME "Patient" from PATIENT

where PAT\_NUM = any (select PAT\_NUM from VISIT

where DOC\_ID = (select DOC\_ID from DOCTOR

where DOC\_LNAME = 'Bettlestone')and VISIT\_DATE between '01-JAN-17' and '31-DEC-17');

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1. List the patients Dr. Bettlestone treated in 2017 during the morning.

SQL Statement Goes Here.

select PAT\_LNAME "Patient" from PATIENT

where PAT\_NUM = any(select PAT\_NUM from VISIT

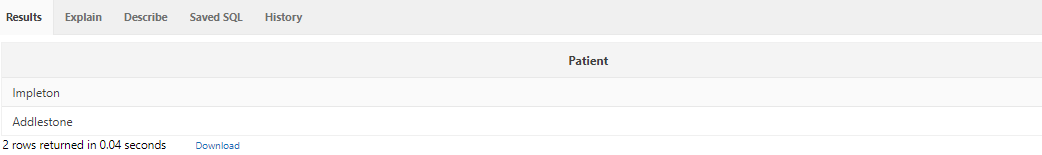
where DOC\_ID=(select DOC\_ID from DOCTOR

where DOC\_LNAME = 'Bettlestone')

and VISIT\_DATE between '01-JAN-17' and '31-DEC-17'

and VISIT\_TIME like '%AM');and APPT\_SCHED is null;

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1. List the patients that did not have an appointment but were seen by a doctor.

SQL Statement Goes Here.

select distinct doctor.doc\_Lname as "doctor", PATIENT.pat\_lname as "patient" ,APPOINTMENT.appt\_sched as "no appointment"

from APPOINTMENT,PATIENT,DOCTOR

where doctor.doc\_id=APPOINTMENT.doc\_id

and PATIENT.pat\_num=APPOINTMENT.pat\_num

and APPT\_SCHED is null;

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1. List all the doctors and what they billed out in 2017. HINT: Use the DOCTOR table and the VISIT table.

SQL Statement Goes Here.

select distinct doctor.doc\_Lname as "doctor", to\_char(sum(VISLINE\_CHARGE), '$999,999,999.99') as "2017bill"

from DOCTOR,Visit

where doctor.doc\_id=visit.doc\_id group by (doc\_Lname);

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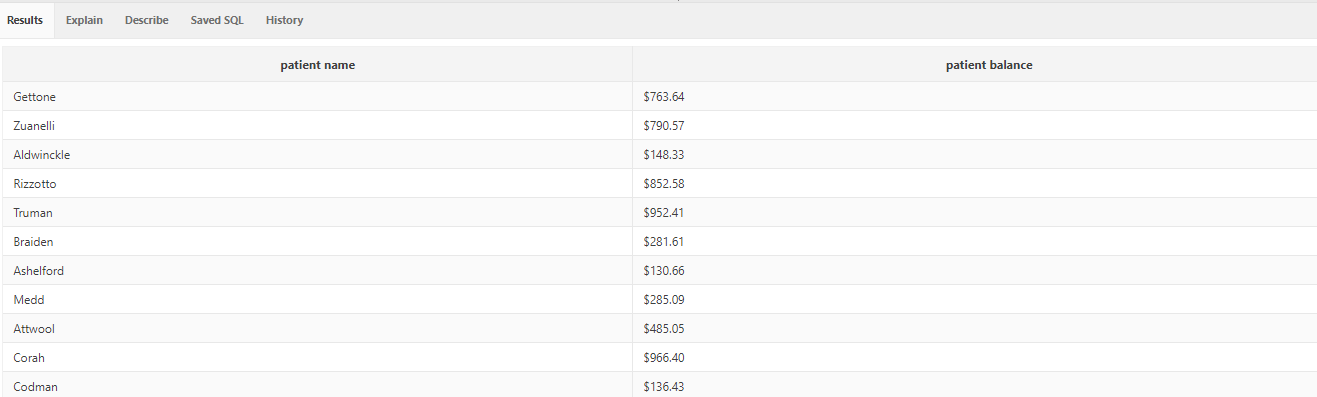


1. Determine and list what each patient’s balance is including those with null balance. HINT: Use just the PATIENT table.

SQL Statement Goes Here.

select PAT\_LNAME as "patient name",to\_char(nvl(PAT\_BALANCE,null), '$999,999,999.99') as "patient balance" from patient;

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1. Determine and list which patient’s balance is less than the average balance of all the other patients. HINT: Use just the PATIENT table.

SQL Statement Goes Here.

select pat\_num,pat\_fname ||','||Pat\_lname as "patient", to\_char(nvl(pat\_balance,null), '$999,999,999.99') as "patient balance"

from patient

where nvl(pat\_balance,null)<(select avg(nvl(pat\_balance,null)) from patient);

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1. In ONE SQL command create a new table named NEW\_PATIENT, copy over all of the columns except for pat\_balance. Drop PATIENT table, rename NEW\_PATIENT to PATIENT.

Drop the column BILL\_PAY\_AMOUNT from the table BILLING.

SQL Statement Goes Here.

create table new\_patient

as( select PAT\_NUM,

PAT\_LNAME,

PAT\_FNAME,

PAT\_PHONE,

PAT\_EMAIL,

INSUR\_CODE from patient);

drop table patient;

rename new\_patient to patient;

alter table BILLING drop column BILL\_PAY\_AMOUNT ;

Do not need a screen shot for this question.

1. Who/whom has a diagnostic of “asthma”?

SQL Statement Goes Here.

select pat\_num as "patient ID",patient.pat\_lname as patient from patient where pat\_num = (select pat\_num from visit where VISLINE\_DIAGNOSIS like '%asthma%' );

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1. EXTRA CREDIT: What is Francisco Drawmer balance?

SQL Statement Goes Here.

select to\_char(sum(bill\_balance),'$999,999,999.99') as "balance" from billing

where bill\_code = (select bill\_code from pat\_payment

where pat\_num = (select pat\_num from patient

where pat\_Lname = 'Drawmer'));

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