My Scripts \ **Script**

Name	**Hospital db solution**
Description	ok
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	We cannot determine the last run date for this script. What's This?
Last Updated	Saturday November 19, 2022 (Created 15 seconds ago)
Metrics	39 Statements, 9,685 bytes

Statement **1**

🗑 Edit

```
select * from nurse
where REGISTERED='f'
```

EMPLOYEEID	NAME	POSITION	REGISTERED	SSN
103	Paul Flowers	Nurse	f	333333330

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Statement **2**

🗑 Edit

```
select name from nurse
where POSITION='Head Nurse'
```
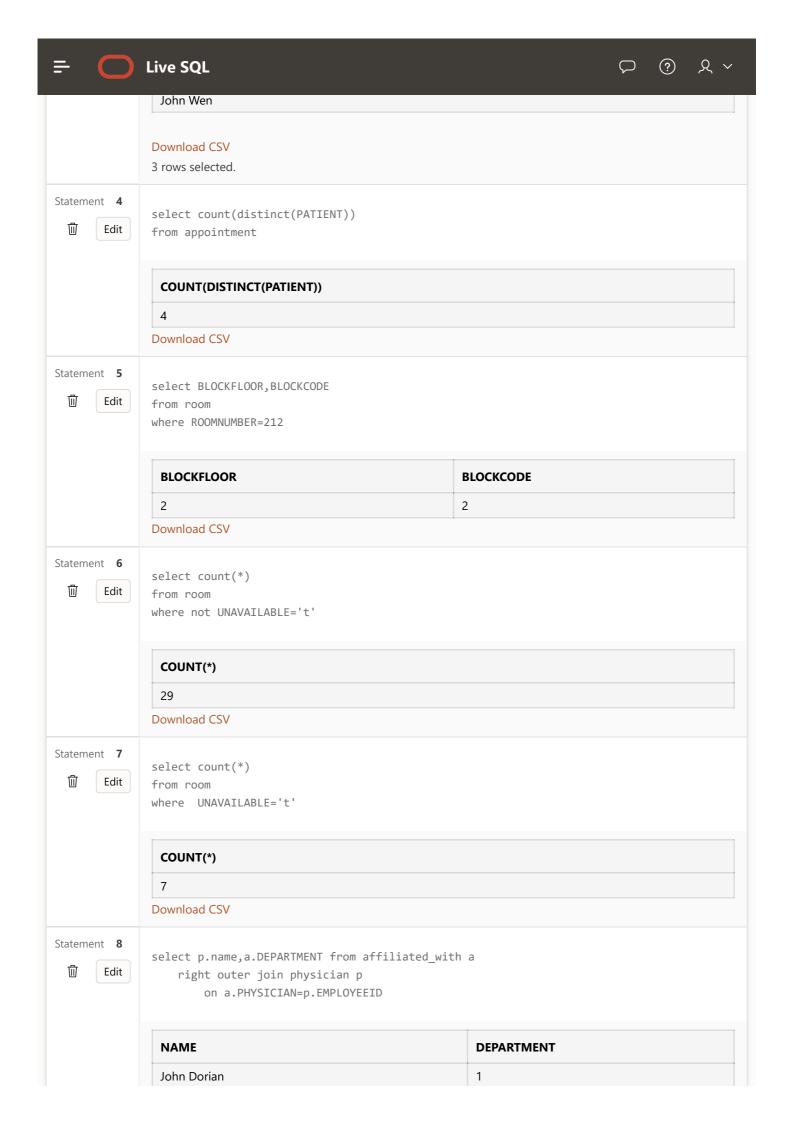
NAME
Carla Espinosa

Download CSV

Statement **3**

🗑 Edit

```
select NAME from physician p
where exists (
    select 'head' from department d
    where p.EMPLOYEEID  = d.head)
```

NAME

John Wen

Download CSV
3 rows selected.

Statement 4

🗑 Edit

```
select count(distinct(PATIENT))
from appointment
```

COUNT(DISTINCT(PATIENT))
4

Download CSV

Statement 5

🗑 Edit

```
select BLOCKFLOOR,BLOCKCODE
from room
where ROOMNUMBER=212
```

BLOCKFLOOR	BLOCKCODE
2	2

Download CSV

Statement 6

🗑 Edit

```
select count(*)
from room
where not UNAVAILABLE='t'
```

COUNT(*)
29

Download CSV

Statement 7

🗑 Edit

```
select count(*)
from room
where  UNAVAILABLE='t'
```

COUNT(*)
7

Download CSV

Statement 8

🗑 Edit

```
select p.name,a.DEPARTMENT from affiliated_with a
    right outer join physician p
        on a.PHYSICIAN=p.EMPLOYEEID
```

NAME	DEPARTMENT
John Dorian	1

Christopher Turk	2
Percival Cox	1
Bob Kelso	1
Todd Quinlan	2
John Wen	1
John Wen	2
Keith Dudemeister	1
Molly Clock	3

Download CSV

11 rows selected.

Statement 9

🗑 Edit

```
select p.name from physician p
where exists (
    select 'treatment' from trained_in t
    where p.EMPLOYEEID=t.PHYSICIAN)
```

NAME
Christopher Turk
Todd Quinlan
John Wen

Download CSV

3 rows selected.

Statement 10

🗑 Edit

```
select p.name,a.DEPARTMENT from affiliated_with a
    inner join physician p
        on a.PRIMARYAFFILIATION='f' and a.PHYSICIAN=p.EMPLOYEEID
```

NAME	DEPARTMENT
Christopher Turk	1
John Wen	1

Download CSV

2 rows selected.

Statement 11

🗑 Edit

```
select p.name from physician p
where not exists (
    select 'treatment' from trained_in t
    where p.EMPLOYEEID=t.PHYSICIAN)
```

NAME
John Dorian
Elliot Reid
Keith Dudemeister

Molly Clock

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6 rows selected.

Statement 12

🗑 Edit

```
select p1.name as "Patient_name", p2.name as "Physician_name" from patient p1
    inner join physician p2
        on p1.pcp=p2.employeeid
```

Patient_name	Physician_name
John Smith	John Dorian
Grace Ritchie	Elliot Reid
Random J. Patient	Elliot Reid
Dennis Doe	Christopher Turk

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4 rows selected.

Statement 13

🗑 Edit

```
with app_data AS (
select PATIENT,count(PHYSICIAN) as "No. of appointments" from appointment a
group by PATIENT)
select p.name as "Name of Patient",app_data.*  from app_data
    join patient p
      on app_data.patient=p.ssn
```

Name of Patient	PATIENT	No. of appointments
John Smith	100000001	3
Dennis Doe	100000004	3
Random J. Patient	100000003	1
Grace Ritchie	100000002	2

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4 rows selected.

Statement 14

🗑 Edit

```
select distinct (count(PATIENT)) "Appointment Count in C room" from appointment
where EXAMINATIONROOM='C'
```

Appointment Count in C room
3

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Statement 15

🗑 Edit

```
select p.name as "Patient Name", s.room from patient p
    join stay s
        on p.ssn=s.PATIENT
```

Random J. Patient	123
Dennis Doe	112

Download CSV

3 rows selected.

Statement **16**

🗑 Edit

```
with t1 as (
select * from undergoes u
    join nurse n
        on u.INGNURSE=n.EMPLOYEEID),
t2 as (
select * from nurse n
    join on_call o
        on n.EMPLOYEEID=o.NURSE),
t3 as (
select * from on_call o
    join room r
        on o.BLOCKKFLOOR=r.BLOCKFLOOR and o.BLOCKCODE=r.BLOCKCODE)
select distinct t1.name as "Nurse Name",t3.ROOMNUMBER from t1
join t2 using (EMPLOYEEID) join t3 using(NURSE)
order by 2
```

Nurse Name	ROOMNUMBER
Carla Espinosa	101
Paul Flowers	101
Carla Espinosa	102
Paul Flowers	102
Carla Espinosa	103
Paul Flowers	103
Carla Espinosa	111
Paul Flowers	111
Carla Espinosa	112
Paul Flowers	112
Carla Espinosa	113
Paul Flowers	113
Laverne Roberts	121
Paul Flowers	121
Laverne Roberts	122
Paul Flowers	122
Laverne Roberts	123
Paul Flowers	123

Download CSV

18 rows selected.

Statement **17**

with t1 as (select * from nurse n

```
t2 as (select * from physician p
    join appointment a

        on a.PHYSICIAN=p.EMPLOYEEID),
t3 as (select * from patient p1
    join appointment a
        on a.PATIENT=p1.ssn)
select t1.name as "Nurse Name", t2.name as "Physician Name", t3.name as "Patient Name"
from t1 join t2 using(APPOINTMENTID)
 join t3 using (APPOINTMENTID)
```

Nurse Name	Physician Name	Patient Name
Laverne Roberts	John Dorian	John Smith
Paul Flowers	Percival Cox	Dennis Doe

Download CSV

2 rows selected.

Statement **18**

🗑 Edit

```
with t1 as(
select * from patient p
    join undergoes u
        on  p.SSN=u.PATIENT),
t2 as (
select * from physician p1
    join undergoes u
        on p1.EMPLOYEEID=u.PHYSICIANASSIT)
select distinct t1.name as "Patient Name", t2.name as "Physician Name"
from t1 join t2 using (PROCEDURES)
where t2.INGNURSE is NULL
```

Patient Name	Physician Name
Dennis Doe	Todd Quinlan

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Statement **19**

🗑 Edit

```
with t1 as (select * from MEDICATION m
    join prescribes a
        on  m.code=a.MEDICATION),
t2 as (select * from physician p
    join prescribes a
        on a.PHYSICIAN=p.EMPLOYEEID),
t3 as (select * from patient p1
    join prescribes a
        on a.PATIENT=p1.ssn)
select  t3.name as "Patient Name",t2.name as "Physician Name",t1.name as "Medication Name
from t1 join t2 using(APPOINTMENT)
 join t3 using (APPOINTMENT)
```

Patient Name	Physician Name	Medication Name
John Smith	John Dorian	Procrastin-X

Statement 20

[Delete] [Edit]

```
with t1 as (select * from MEDICATION m
    join prescribes a
        on a.APPOINTMENT is not null and  m.code=a.MEDICATION),
t2 as (select * from physician p
    join prescribes a
        on a.PHYSICIAN=p.EMPLOYEEID),
t3 as (select * from patient p1
    join prescribes a
        on a.PATIENT=p1.ssn)
select  t3.name as "Patient Name",t2.name as "Physician Name",t1.name as "Medication Name
from t1 join t2 using(APPOINTMENT)
 join t3 using (APPOINTMENT)
```

Patient Name	Physician Name	Medication Name
John Smith	John Dorian	Procrastin-X
Dennis Doe	Molly Clock	Thesisin

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2 rows selected.

Statement 21

[Delete] [Edit]

```
with t1 as (select * from MEDICATION m
    join prescribes a
        on a.APPOINTMENT is  null and  m.code=a.MEDICATION),
t2 as (select * from physician p
    join prescribes a
        on a.APPOINTMENT is  null and a.PHYSICIAN=p.EMPLOYEEID),
t3 as (select * from patient p1
    join prescribes a
        on a.APPOINTMENT is  null and a.PATIENT=p1.ssn)
select  t3.name as "Patient Name",t2.name as "Physician Name",t1.name as "Medication Name
from t1 join t2 using(APPOINTMENT)
 join t3 using (APPOINTMENT)
```

no data found

Statement 22

[Delete] [Edit]

```
select distinct blockcode, sum( case when  UNAVAILABLE='f' then 1 else 0 end * 1)
    over( partition by BLOCKCODE) as "Available room count"
from room order by 1
```

BLOCKCODE	Available room count
1	9
2	10
3	10

Download CSV

3 rows selected.

```
from room order by 1
```

BLOCKFLOOR	Available room count
1	8
2	7
3	7
4	7

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4 rows selected.

Statement **24**

🗑 Edit

```
select distinct BLOCKFLOOR,BLOCKCODE, sum( case when  UNAVAILABLE='f' then 1 else 0 end *
    over( partition by BLOCKFLOOR,BLOCKCODE) as "Available room per floor,block"
from room order by 1,2
```

BLOCKFLOOR	BLOCKCODE	Available room per floor,block
1	1	3
1	2	2
1	3	3
2	1	2
2	2	2
2	3	3
3	1	2
3	2	3
3	3	2
4	1	2
4	2	3
4	3	2

Download CSV

12 rows selected.

Statement **25**

🗑 Edit

```
select distinct BLOCKFLOOR,BLOCKCODE, sum( case when  UNAVAILABLE='t' then 1 else 0 end *
    over( partition by BLOCKFLOOR,BLOCKCODE) as "Available room per floor,block"
from room order by 1,2
```

BLOCKFLOOR	BLOCKCODE	Available room per floor,block
1	1	0
1	2	1
1	3	0
2	1	1
2	2	1
2	3	0

3	3	1
4	1	1
4	2	0
4	3	1

Download CSV

12 rows selected.

Statement **26**

🗑 Edit

```
select  BLOCKFLOOR,dense_rank() over (order by "Available room count" desc)
from (
  select distinct BLOCKFLOOR,sum( case when  UNAVAILABLE='f' then 1 else 0 end * 1)
     over( partition by BLOCKFLOOR) as "Available room count"
  from room q
)order by 2
```

BLOCKFLOOR	DENSE_RANK()OVER(ORDERBY"AVAILABLEROOMCOUNT"DESC)
1	1
4	2
3	2
2	2

Download CSV

4 rows selected.

Statement **27**

🗑 Edit

```
select  BLOCKFLOOR,dense_rank() over (order by "Available room count" desc)
from (
  select distinct BLOCKFLOOR,sum( case when  UNAVAILABLE='f' then 1 else 0 end * 1)
     over( partition by BLOCKFLOOR) as "Available room count"
  from room q
)order by 2
```

BLOCKFLOOR	DENSE_RANK()OVER(ORDERBY"AVAILABLEROOMCOUNT"DESC)
1	1
4	2
3	2
2	2

Download CSV

4 rows selected.

Statement **28**

🗑 Edit

```
with t1 as(
select * from stay s
    join patient p
        on  s.PATIENT=p.ssn),
t2 as (
select * from stay s
    join room r
```

Patient Name	BLOCKCODE	BLOCKFLOOR	ROOMNUMBER
John Smith	2	1	111
Dennis Doe	2	1	112
Random J. Patient	3	1	123

Download CSV

3 rows selected.

Statement **29**

🗑 Edit

```
with t1 as (select * from nurse n
    join undergoes u
        on n.EMPLOYEEID=u.INGNURSE),
t2 as (select * from stay s
    join undergoes u
        on s.stayid=u.stay),
t3 as (select * from stay s
    join room r
        on s.ROOM=r.ROOMNUMBER)
select distinct t1.name as "Nurse Name",t3.BLOCKCODE
from t1 join t2 using(stay)
 join t3 using (room)
```

Nurse Name	BLOCKCODE
Paul Flowers	2
Carla Espinosa	2
Laverne Roberts	2

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3 rows selected.

Statement **30**

🗑 Edit

```
select distinct p.name as "Patient Name", p1.name as "Physician Name", n.name as "Nurse N
    s.room||' '||r.blockfloor||' '||r.blockcode as "Room details"
from patient P
    join undergoes u
        on p.ssn=u.patient
    join physician p1
        on u.PHYSICIANASSIT=p1.employeeid
    join undergoes u
        on u.PHYSICIANASSIT=p1.employeeid
    join nurse n
        on u.ingnurse=n.employeeid
    join undergoes u
        on u.ingnurse=n.employeeid
    join procedure p3
        on u.PROCEDURES=p3.code
    join undergoes U
        on u.PROCEDURES=p3.code
    join stay s
        on u.stay=s.stayid
    join room r
```

Patient Name	Physician Name	Nurse Name	Treatment name	Discharge date
John Smith	Christopher Turk	Carla Espinosa	Reversible Pancreomyoplasty	.00039840637450199203187250996015936255
Dennis Doe	Christopher Turk	Paul Flowers	Complete Walletectomy	.00029880478087649402390438247011952191 2
Dennis Doe	Christopher Turk	Laverne Roberts	Reverse Rhinopodoplasty	.00029880478087649402390438247011952191 2
John Smith	John Wen	Carla Espinosa	Obtuse Pyloric Recombobulation	.00039840637450199203187250996015936255
John Smith	John Wen	Carla Espinosa	Follicular Demiectomy	.00029880478087649402390438247011952191 2

Download CSV

5 rows selected.

Statement **31**

🗑 Edit

```
select p.name as "Physician's Names" from physician p
where not exists(
    select 'PHYSICIAN' from trained_in t
    where p.EMPLOYEEID=t.PHYSICIAN)
```

Physician's Names
John Dorian
Elliot Reid
Keith Dudemeister
Percival Cox
Bob Kelso
Molly Clock

Download CSV

6 rows selected.

Statement **32**

🗑 Edit

```
with not_tr as (
    select * from undergoes u
    where (PHYSICIANASSIT,Procedures) not in(
        select physician,treatment
        from TRAINED_IN t
        where t.physician=u.PHYSICIANASSIT)
)select p.name,not_tr.* from physician p
    join not_tr
        on p.EMPLOYEEID=not_tr.PHYSICIANASSIT
```

NAME	PATIENT	PROCEDURES	STAY	DATES	PHYSICIANASSIT	INGNURSE
Christopher Turk	100000004	4	3217	13/5/2008	3	103

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Statement **33**

```
                select physician
                from TRAINED_IN t

            where u.dates>=t.CERTIFICATIONEXPIRES))
select p.name,p.POSITION from physician p
    join after_exp_tr
        on p.EMPLOYEEID=after_exp_tr.PHYSICIANASSIT
```

NAME	POSITION
Christopher Turk	Surgical Attending Physician
Todd Quinlan	Surgical Attending Physician

Download CSV

2 rows selected.

Statement **34**

🗑   Edit

```
with after_exp_tr as (
    select * from undergoes u
    where PHYSICIANASSIT in (
        select physician
        from TRAINED_IN t
        where u.dates>=t.CERTIFICATIONEXPIRES))
select p.name as "Physician Name",p.POSITION,p1.name as "Patient Name",after_exp_tr.* fro
    join after_exp_tr
        on p.EMPLOYEEID=after_exp_tr.PHYSICIANASSIT
    join patient p1
        on p1.ssn=after_exp_tr.PATIENT
```

Physician Name	POSITION	Patient Name	PATIENT	PROCEDURES	STAY	DATES	PHYSICIANASSI
Christopher Turk	Surgical Attending Physician	Dennis Doe	100000004	1	3217	7/5/2008	3
Todd Quinlan	Surgical Attending Physician	Dennis Doe	100000004	5	3217	9/5/2008	6

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2 rows selected.

Statement **35**

🗑   Edit

```
with call_details as(
select * from on_call o
where (BLOCKKFLOOR,BLOCKCODE) in (
    select BLOCKFLOOR,BLOCKCODE
    from room r
    where r.roomnumber =122 and o.BLOCKKFLOOR=r.BLOCKFLOOR and o.BLOCKCODE=r.BLOCKCODE))
select name from nurse n
 join call_details
    on n.employeeid=call_details.nurse
```

NAME
Laverne Roberts

2 rows selected.

Statement 36

🗑 Edit

```
with t1 as (
select * from patient p
    join prescribes m
        on p.ssn=m.patient),
t2 as (
select * from physician p
    join prescribes m
        on p.employeeid=m.physician)
select distinct t1.name as "Patient Name", t2.name as "Physician Name"
from t1 join t2 using (physician)
```

Patient Name	Physician Name
Dennis Doe	Molly Clock
John Smith	John Dorian

Download CSV

2 rows selected.

Statement 37

🗑 Edit

```
with cost_details as (
select * from undergoes u
where exists (
    select 'code' from procedure p
    where p.cost>5000 and p.code=u.procedures))
select p.name as "Patient Name" from patient p
    join cost_details c
        on p.ssn=c.PATIENT
```

Patient Name
John Smith
Dennis Doe

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2 rows selected.

Statement 38

🗑 Edit

```
with patient_details as (
select patient,count(*) from appointment a
where PREPNURSE in (
    select employeeid from nurse n
    where REGISTERED='t' and n.employeeid= a.prepnurse)
group by PATIENT
having count(*) >= 2)
select p.name as "Patient Name",p1.name as "Physician Name" from patient_details
    join appointment a1 on  patient_details.patient=a1.patient
    join patient p on a1.patient=p.ssn
    join physician p1 on a1.physician=p1.employeeid
```

Patient Name	Physician Name

John Smith	Christopher Turk
Grace Ritchie	Elliot Reid
Grace Ritchie	Elliot Reid

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5 rows selected.

Statement **39**

🗑 Edit

```
with NOT_head as (
select * from physician p
where not exists (
    select 'head' from department d
    where p.EMPLOYEEID=d.head)),
pat_details as (
select * from patient p1
where exists(
    select 'empid' from physician p2
    where p1.pcp=p2.EMPLOYEEID))
select NOT_head.name as "Physicians Name", pat_details.name as "Patients name"
 from not_head join pat_details on employeeid=pcp
```

Physicians Name	Patients name
John Dorian	John Smith
Elliot Reid	Grace Ritchie
Elliot Reid	Random J. Patient
Christopher Turk	Dennis Doe

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4 rows selected.

▶ Script Update Details