Live SQL

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My Session

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Statements and Results

Statement 1

🖉   ▷   🗑

```
drop table LAB_SAMPLES
```

ORA-00942: table or view does not exist

Statement 2

🖉   ▷   🗑

```
drop sequence LAB_SAMPLES_SEQ
```

ORA-02289: sequence does not exist

Statement 3

🖉   ▷   🗑

```
create sequence LAB_SAMPLES_SEQ
```

Sequence created.

Statement 4

🖉   ▷   🗑

```
create table LAB_SAMPLES
 ( sample_id          int default LAB_SAMPLES_SEQ.NEXTVAL,
   date_taken   date
 )
```

Table created.

Statement 5

🖉   ▷   🗑

```
insert into LAB_SAMPLES ( date_taken) values (date '2015-12-(
```

1 row(s) inserted.

Statement 6

🖉   ▷   🗑

```
insert into LAB_SAMPLES ( date_taken) values (date '2015-12-(
```

1 row(s) inserted.

Statement **7**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-0

1 row(s) inserted.

Statement **8**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-0

1 row(s) inserted.

Statement **9**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-0

1 row(s) inserted.

Statement **10**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-0

1 row(s) inserted.

Statement **11**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-0

1 row(s) inserted.

Statement **12**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-1

1 row(s) inserted.

Statement **13**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-1

1 row(s) inserted.

Statement **14**

✎ ▷ 🗑

insert into LAB_SAMPLES (date_taken) values (date '2015-12-1

1 row(s) inserted.

Statement   15

✏️ ▷ 🗑️

```
insert into LAB_SAMPLES ( date_taken) values (date '2015-12-1
```

1 row(s) inserted.

Statement   16

✏️ ▷ 🗑️

```
insert into LAB_SAMPLES ( date_taken) values (date '2015-12-1
```

1 row(s) inserted.

Statement   17

✏️ ▷ 🗑️

```
insert into LAB_SAMPLES ( date_taken) values (date '2015-12-1
```

1 row(s) inserted.

Statement   18

✏️ ▷ 🗑️

```
select * from LAB_SAMPLES order by 2
```

SAMPLE_ID	DATE_TAKEN
1	01-DEC-15
2	02-DEC-15
3	03-DEC-15
4	04-DEC-15
5	07-DEC-15
6	08-DEC-15
7	09-DEC-15
8	10-DEC-15
9	14-DEC-15
10	15-DEC-15
11	16-DEC-15
12	19-DEC-15
13	20-DEC-15

Download CSV

13 rows selected.

Statement   19

✏️ ▷ 🗑️

```
select date_taken,
       row_number() over(order by date_taken) as rn
       from LAB_SAMPLES
order by 1
```

DATE_TAKEN	R[
01-DEC-15	1
02-DEC-15	2
03-DEC-15	3
04-DEC-15	4
07-DEC-15	5
08-DEC-15	6
09-DEC-15	7
10-DEC-15	8
14-DEC-15	9
15-DEC-15	10
16-DEC-15	11
19-DEC-15	12
20-DEC-15	13

Download CSV

13 rows selected.

Statement **20**

```
select date_taken,
       date_taken-row_number() over(order by date_taken) as (
       from LAB_SAMPLES
order by 1
```

DATE_TAKEN	DELTA
01-DEC-15	30-NOV-15
02-DEC-15	30-NOV-15
03-DEC-15	30-NOV-15
04-DEC-15	30-NOV-15
07-DEC-15	02-DEC-15
08-DEC-15	02-DEC-15
09-DEC-15	02-DEC-15
10-DEC-15	02-DEC-15
14-DEC-15	05-DEC-15
15-DEC-15	05-DEC-15
16-DEC-15	05-DEC-15
19-DEC-15	07-DEC-15
20-DEC-15	07-DEC-15

Download CSV

13 rows selected.

Statement **21**

```
select min(date_taken) date_from,
       max(date_taken) date_to,
       count(*) num_samples
from (
  select date_taken,
```

```
              date_taken-row_number() over(order by date_taken) a
              from LAB_SAMPLES
        )
group by delta
order by 1
```

DATE_FROM	DATE_TO	NUM_SAMP
01-DEC-15	04-DEC-15	4
07-DEC-15	10-DEC-15	4
14-DEC-15	16-DEC-15	3
19-DEC-15	20-DEC-15	2

Download CSV

4 rows selected.

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