# DAISY DOG GROOMERS
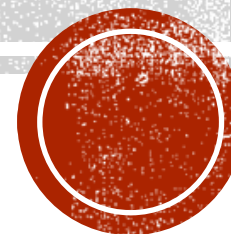
# ASSIGNMENT ONE
# CREATE ALL THE NECESSARY TABLES ACCORDING TO THE REQUIREMENTS AND ER DIAGRAM ABOVE

logistics    teacher    runner*    Coffee Mug Shop*    logis_tics*    daisydog* ×

Limit to 1000 rows

```sql
1    -- Assignment One
2    -- Create all the necessary tables according to the requirements and ER Diagram above
3
4    Create table owner(
5    owner_id int not null primary key auto_increment,
6    owner_name varchar(256) not null,
7    owner_email varchar(256) not null,
8    owner_phone_number varchar(256) not null
9    );
10
11   create table dog(
12   dog_id int not null primary key auto_increment ,
13   dog_owner_id int not null,
14   dog_name varchar(256) not null,
15   dog_breed varchar(256) not null,
16   dog_notes varchar(256),
17   foreign key (dog_owner_id) References owner(owner_id)
18   );
19
20   create table groomer(
21   groomer_id int not null primary key auto_increment ,
22   groomer_name varchar(256) not null,
23   groomer_email varchar(256) not null,
24   groomer_phone_number varchar(256) not null
25   );
26
27
28   create table appointment(
29   appointment_id int not null primary key auto_increment,
30   groomer_id int not null ,
```

```sql
25        );
26
27
28  •⊖  create table appointment(
29        appointment_id int not null primary key auto_increment,
30        groomer_id int not null ,
31        dog_id int not null,
32        appointment_date_time datetime,
33        appointment_bath boolean ,
34        appointment_haircut boolean ,
35        appointment_the_works boolean,
36        appointment_status enum('pending','complete'),
37        foreign key(groomer_id) references groomer(groomer_id) ,
38        foreign key(dog_id) References dog(dog_id)
39        );
40
41
42  •⊖  create table billing(
43        billing_id int primary key auto_increment,
44        billing_date date,
45        appointment_id int not null,
46        billing_Amount decimal(10,2),
47        foreign key(appointment_id) references appointment(appointment_id)
48
49        );
50
51
```

- Assignment Two

- Daisy's already have some data that they've been collecting in spreadsheets. You re-formatted the data a bit and converted them into CSV files. For this assignment, import that necessary data from the CSV files (dog.csv, groomer.csv, owner.csv, appoinment.csv).

```
55  •    select * from appointment;

56

57  •    create view allappointment as
58       select
59       appointment.appointment_date_time,
60       owner.owner_name,
61       dog.dog_name
```

| Result Grid | | Filter Rows: | | Edit: | | Export/Import: | | Wrap Cell Content: |

| appointment_id | groomer_id | dog_id | appointment_date_time | appointment_bath | appointment_haircut | appointment_the_works | appointment_status |
|---|---|---|---|---|---|---|---|
| 1 | 5 | 1 | 2023-02-01 12:00:00 | 0 | 1 | 0 | pending |
| 2 | 2 | 2 | 2023-02-01 13:00:00 | 1 | 0 | 0 | pending |
| 3 | 5 | 3 | 2023-02-01 14:00:00 | 1 | 0 | 0 | pending |
| 4 | 3 | 5 | 2023-02-01 15:00:00 | 1 | 1 | 1 | pending |
| 5 | 3 | 6 | 2023-02-01 16:00:00 | 1 | 0 | 0 | pending |
| 6 | 6 | 8 | 2023-02-03 12:00:00 | 1 | 1 | 0 | pending |
| 7 | 6 | 9 | 2023-02-03 16:00:00 | 0 | 1 | 1 | pending |
| 8 | 2 | 10 | 2023-02-04 15:00:00 | 0 | 0 | 1 | pending |
| 9 | 4 | 11 | 2023-02-05 10:00:00 | 0 | 0 | 1 | pending |
| 10 | 2 | 12 | 2023-02-05 12:00:00 | 1 | 0 | 0 | pending |
| 11 | 6 | 14 | 2023-02-05 18:00:00 | 1 | 0 | 0 | pending |
| 12 | 6 | 15 | 2023-02-06 15:00:00 | 1 | 0 | 1 | pending |
| 13 | 3 | 16 | 2023-02-06 16:00:00 | 1 | 1 | 0 | pending |
| 14 | 2 | 17 | 2023-02-07 13:00:00 | 0 | 0 | 1 | pending |
| 15 | 1 | 18 | 2023-02-08 12:00:00 | 0 | 1 | 0 | pending |
| 16 | 6 | 20 | 2023-02-08 16:00:00 | 1 | 0 | 1 | pending |
| 17 | 3 | 22 | 2023-02-09 10:00:00 | 1 | 0 | 0 | pending |

appointment 33 ✕

```
54 •    select * from dog;
55 •    select * from appointment;
56
57 •    create view allappointment as
58      select
59      appointment.appointment_date_time,
60      owner.owner_name,
61      dog.dog_name
```

Result Grid | Filter Rows: | Edit:

| dog_id | dog_owner_id | dog_name | dog_breed | dog_notes |
|--------|--------------|----------|-----------|-----------|
| 1 | 1 | Luna | Golden Retriever | Biter |
| 2 | 2 | Bella | German Shepherd | Barker |
| 3 | 3 | Daisy | Poodle | Jumper |
| 4 | 3 | Charlie | Bulldog | |
| 5 | 3 | Teddy | Mix | Aggresive |
| 6 | 4 | Tucker | Golden Retriever | |
| 7 | 5 | Willow | Labrador | |
| 8 | 6 | Penny | Mix | Barker |
| 9 | 7 | Sadie | Bulldog | Aggresive |
| 10 | 8 | Maggie | Yorkshire Terrier | |
| 11 | 9 | Rosie | Boxer | |
| 12 | 9 | Buddy | Mix | Barker |
| 13 | 10 | Bear | Doberman Pinscher | Aggresive |
| 14 | 11 | Rocky | Great Dane | Sensitive ... |
| 15 | 12 | Lucy | Rottweiler | Jumper |
| 16 | 13 | Ruby | Pointer | |
| 17 | 14 | Max | Dachshund | Aggresive |

```
53 •    select * from groomer;
54 •    select * from dog;
55 •    select * from appointment;
56
57 •    create view allappointment as
58      select
59      appointment.appointment_date_time,
60      owner.owner_name,
61      dog.dog_name
```

Result Grid | Filter Rows: | Edit: | Export/Import:

| groomer_id | groomer_name | groomer_email | groomer_phone_number |
|------------|--------------|---------------|---------------------|
| 1 | Winston Bell | winston@daisysgroomers.com | 487-555-3984 |
| 2 | Garrett Andrews | garrett@daisysgroomers.com | 758-555-8374 |
| 3 | Simon Moss | simon@daisysgroomers.com | 958-555-1746 |
| 4 | Rebecca Horton | rebeccas@daisysgroomers.com | 867-555-9683 |
| 5 | Lydia Gonzalez | lydia@daisysgroomers.com | 867-555-9384 |
| 6 | Misty Shelton | misty@daisygroomers.com | 768-555-1412 |
| NULL | NULL | NULL | NULL |

```
51
52 ●   select * from owner;
53 ●   select * from groomer;
54 ●   select * from dog;
55 ●   select * from appointment;
56
57 ●   create view allappointment as
58     select
59     appointment.appointment_date_time,
60     owner.owner_name,
61     dog.dog_name
```

```
56 ●   select * from billing;
57 ●   create view allappointment as
58     select
59     appointment.appointment_date_time,
60     owner.owner_name,
61     dog.dog_name
```

Result Grid | Filter Rows: | Edit: | Export/Import: | W

| owner_id | owner_name | owner_email | owner_phone_number |
|---|---|---|---|
| 1 | Stella Rodriquez | stella12@email.com | 242-555-4589 |
| 2 | Tara Mitchell | taram@email.com | 706-555-4473 |
| 3 | Desiree Brewer | dbrewer@email.com | 893-555-9355 |
| 4 | Lynn Curtis | lynn67@email.com | 574-555-5624 |
| 5 | Jenna Patterson | jennap@email.com | 562-555-9481 |
| 6 | Miguel Harper | miguel1829@email.com | 412-555-9024 |
| 7 | Melvin Malone | mm343@email.com | 839-555-3923 |
| 8 | Marcia Richardson | marciarichards23@email.com | 262-555-6937 |
| 9 | Tyler Webster | websterty32@email.com | 824-555-6834 |
| 10 | Emanuel Newton | emanuel576@email.com | 887-555-4694 |
| 11 | Penny Bryan | pennyb95@email.com | 556-555-3018 |
| 12 | Essie Stanley | essies90@email.com | 618-555-2500 |
| 13 | Jill Wise | jillwise@email.com | 824-555-2318 |
| 14 | Jason Wheeler | jasonw234@email.com | 348-555-3995 |
| 15 | Susan Stone | susanstone234@email.com | 833-555-2366 |
| 16 | Florence Crawford | fcrawford98@email.com | 349-555-4502 |
| 17 | Ruben Love | ruben000@email.com | 974-555-7781 |

owner 30  ✕

Result Grid | Filter Rows: | Edi

| | billing_id | billing_date | appointment_id | billing_Amoun |
|---|---|---|---|---|
| ✱ | NULL | NULL | NULL | NULL |

# ASSIGNMENT THREE

DAISY'S ASKED IF WE COULD CREATE A TABLE THAT WILL SHOW ALL THE APPOINTMENTS, SORTED BY APPOINTMENT DATE AND TIME, WHERE IT WOULD SHOW THE APPOINTMENT DATE, THE DOG OWNER NAME AND THE DOG NAME.

```
57 ●     create view allappointment as
58       select
59       appointment.appointment_date_time,
60       owner.owner_name,
61       dog.dog_name
62       from dog,owner,appointment
63       where owner.owner_id = dog.dog_owner_id
64       and   dog.dog_id = appointment.appointment_id
65       and    appointment.dog_id = appointment.dog_id
66       order by appointment_date_time asc;
67
68 ●     select * from allappointment;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 

| appointment_date_time | owner_name | dog_name |
|---|---|---|
| 2023-02-01 12:00:00 | Stella Rodriquez | Luna |
| 2023-02-01 13:00:00 | Tara Mitchell | Bella |
| 2023-02-01 14:00:00 | Desiree Brewer | Daisy |
| 2023-02-01 15:00:00 | Desiree Brewer | Charlie |
| 2023-02-01 16:00:00 | Desiree Brewer | Teddy |
| 2023-02-03 12:00:00 | Lynn Curtis | Tucker |
| 2023-02-03 16:00:00 | Jenna Patterson | Willow |
| 2023-02-04 15:00:00 | Miguel Harper | Penny |
| 2023-02-05 10:00:00 | Melvin Malone | Sadie |
| 2023-02-05 12:00:00 | Marcia Richardson | Maggie |
| 2023-02-05 18:00:00 | Tyler Webster | Rosie |
| 2023-02-06 15:00:00 | Tyler Webster | Buddy |
| 2023-02-06 16:00:00 | Emanuel Newton | Bear |
| 2023-02-07 13:00:00 | Penny Bryan | Rocky |
| 2023-02-08 12:00:00 | Essie Stanley | Lucy |
| 2023-02-08 16:00:00 | Jill Wise | Ruby |
| 2023-02-09 10:00:00 | Jason Wheeler | Max |

allappointment 35 ✕

- Assignment Four

- Daisy's liked the table that you made for the previous assignment. They now are asking if you could make one where it would still show each appointment, sorted by appointment date and time, but this time with the dog groomer's name and dog's name associated with each appointment.

```
69   /* Assignment Four
70     Daisy's liked the table that you made for the previous assignment.
71     They now are asking if you could make one where it would still show each appointment, sorted by appointment
72     date and time, but this time with the dog groomer's name and dog's name associated with each appointment.*/
73
74 • create view allgroomerappointments as
75     select groomer.groomer_name,dog.dog_name,appointment.appointment_date_time
76     from dog,appointment,groomer
77     where dog.dog_id = appointment.dog_id
78     and   groomer.groomer_id=appointment.groomer_id
79     order by appointment_date_time asc;
80 • select * from allgroomerappointments;
```

| | Result Grid | | Filter Rows: | Export: | Wrap Cell Content: |

| | groomer_name | dog_name | appointment_date_time |
|---|---|---|---|
| ▶ | Lydia Gonzalez | Luna | 2023-02-01 12:00:00 |
| | Garrett Andrews | Bella | 2023-02-01 13:00:00 |
| | Lydia Gonzalez | Daisy | 2023-02-01 14:00:00 |
| | Simon Moss | Teddy | 2023-02-01 15:00:00 |
| | Simon Moss | Tucker | 2023-02-01 16:00:00 |
| | Misty Shelton | Penny | 2023-02-03 12:00:00 |
| | Misty Shelton | Sadie | 2023-02-03 16:00:00 |
| | Garrett Andrews | Maggie | 2023-02-04 15:00:00 |
| | Rebecca Horton | Rosie | 2023-02-05 10:00:00 |
| | Garrett Andrews | Buddy | 2023-02-05 12:00:00 |
| | Misty Shelton | Rocky | 2023-02-05 18:00:00 |
| | Misty Shelton | Lucy | 2023-02-06 15:00:00 |
| | Simon Moss | Ruby | 2023-02-06 16:00:00 |
| | Garrett Andrews | Max | 2023-02-07 13:00:00 |
| | Winston Bell | Milo | 2023-02-08 12:00:00 |
| | Misty Shelton | Leo | 2023-02-08 16:00:00 |
| | Simon Moss | Stella | 2023-02-09 10:00:00 |

Assignment Five

- The groomers saw the table that you've made and asked to make another table similar to that. But this time a list of appointments, sorted by the appointment date and time, but with the groomer name and owner name for each appointment.

```
81    /*Assignment Five
82    The groomers saw the table that you've made and asked to make another table similar to that. But this time a list of appointments,
83    sorted by the appointment date and time, but with the groomer name and owner name for each appointment.*/
84
85    create view groomer_owner_appointment as
86    select groomer.groomer_name,owner.owner_name,appointment.appointment_date_time
87    from  owner,appointment,groomer,dog
88    where owner.owner_id = dog.dog_owner_id
89    and   dog.dog_id = appointment.dog_id
90    and   groomer.groomer_id=appointment.groomer_id
91    order by appointment_date_time asc;
92
93    drop view groomer_owner_appointment;
94    select * from groomer_owner_appointment;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 

| groomer_name | owner_name | appointment_date_time |
| --- | --- | --- |
| Lydia Gonzalez | Stella Rodriquez | 2023-02-01 12:00:00 |
| Garrett Andrews | Tara Mitchell | 2023-02-01 13:00:00 |
| Lydia Gonzalez | Desiree Brewer | 2023-02-01 14:00:00 |
| Simon Moss | Desiree Brewer | 2023-02-01 15:00:00 |
| Simon Moss | Lynn Curtis | 2023-02-01 16:00:00 |
| Misty Shelton | Miguel Harper | 2023-02-03 12:00:00 |
| Misty Shelton | Melvin Malone | 2023-02-03 16:00:00 |
| Garrett Andrews | Marcia Richardson | 2023-02-04 15:00:00 |
| Rebecca Horton | Tyler Webster | 2023-02-05 10:00:00 |
| Garrett Andrews | Tyler Webster | 2023-02-05 12:00:00 |
| Misty Shelton | Penny Bryan | 2023-02-05 18:00:00 |
| Misty Shelton | Essie Stanley | 2023-02-06 15:00:00 |
| Simon Moss | Jill Wise | 2023-02-06 16:00:00 |
| Garrett Andrews | Jason Wheeler | 2023-02-07 13:00:00 |
| Winston Bell | Susan Stone | 2023-02-08 12:00:00 |
| Misty Shelton | Ruben Love | 2023-02-08 16:00:00 |
| Simon Moss | Ricardo Clark | 2023-02-09 10:00:00 |

groomer_owner_appointment 37 ×

- Assignment Six

- Daisy's asked if you could create a ranking of the most popular dog breeds that are in their database of dogs.

```sql
96  ●    select * from dog;
97  ●    select dog_breed,count(dog_breed)
98       from dog
99       group by dog_breed
100      order by count(dog_breed) desc;
101

102      /* Assignment Seven
103       This time, they asked if you could create a ranking of dog breeds in the appointment table
104        that are most frequently occurring */
105

106  ●    select * from dog;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 𝔸

| dog_breed | count(dog_breed) |
|---|---|
| Mix | 9 |
| Golden Retriever | 4 |
| Dachshund | 4 |
| Labrador | 3 |
| Pointer | 3 |
| Cocker Spaniels | 3 |
| Beagle | 3 |
| Poodle | 2 |
| Bulldog | 2 |
| Rottweiler | 2 |
| Boston Terrier | 2 |
| German Shepherd | 1 |
| Yorkshire Terrier | 1 |
| Boxer | 1 |
| Doberman Pinsc... | 1 |
| Great Dane | 1 |
| Corgi | 1 |

dog 38    Result 39  ✕

- Assignment Seven

- This time, they asked if you could create a ranking of dog breeds in the appointment table that are most frequently occurring.

```
106  ●      select * from dog;
107  ●      select dog_breed,count(dog_breed) as count_breed
108         from dog,appointment
109         where dog.dog_id = appointment.dog_id
110         group by dog_breed
111         order by count(dog_breed) desc;
112
113         -- Assignment Eight
114         -- he manager of Daisy asked if we could create a rank
115
```

| Result Grid | Filter Rows: | Export: | Wrap |
| --- | --- | --- | --- |

| dog_breed | count_breed |
| --- | --- |
| Mix | 13 |
| Golden Retriever | 8 |
| Dachshund | 7 |
| Labrador | 6 |
| Beagle | 6 |
| Pointer | 5 |
| Rottweiler | 4 |
| Cocker Spaniels | 4 |
| German Shepherd | 3 |
| Poodle | 3 |
| Bulldog | 3 |
| Boston Terrier | 3 |
| Yorkshire Terrier | 2 |
| Boxer | 2 |
| Great Dane | 2 |
| Corgi | 2 |
| Australian Sheph... | 1 |

- Assignment Eight

- The manager of Daisy asked if we could create a ranking of groomers that have the most hair cut appointments.

```
113     -- Assignment Eight
114     -- he manager of Daisy asked if we could create a ranking of groomers that have the most hair cut appointments.
115
116 ●   select * from groomer;
117
118 ●   select groomer_name ,count(appointment_haircut) as count_haircut
119     from appointment,groomer
120     where groomer.groomer_id = appointment.groomer_id
121     and    appointment_haircut = 1
122     group by groomer_name
123     order by count_haircut desc;
```

**Result Grid** | Filter Rows: | Export: | Wrap Cell Content: |

| groomer_name | count_haircut |
|---|---|
| Simon Moss | 7 |
| Misty Shelton | 7 |
| Winston Bell | 5 |
| Garrett Andrews | 4 |
| Lydia Gonzalez | 4 |
| Rebecca Horton | 3 |

- Assignment Nine

- The groomers asked if we could now create a ranking of the dog breeds that have the most dog notes on them.

```sql
125    -- Assignment Nine
126    -- The groomers asked if we could now create a ranking of the dog breeds that have the most dog notes on them.
127 ●  select dog_breed ,count(dog_notes) as total_notes
128    from dog
129    group by dog_breed
130    order by count(dog_notes) desc
131
132
133        -- Assignment Ten
134    -- This time they asked if we could create a ranking for the dog breeds that get the most dog baths.
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 

| dog_breed | total_notes |
| --- | --- |
| Mix | 9 |
| Golden Retriever | 4 |
| Dachshund | 4 |
| Labrador | 3 |
| Pointer | 3 |
| Cocker Spaniels | 3 |
| Beagle | 3 |
| Poodle | 2 |
| Bulldog | 2 |
| Rottweiler | 2 |
| Boston Terrier | 2 |
| German Shepherd | 1 |
| Yorkshire Terrier | 1 |
| Boxer | 1 |
| Doberman Pinsc... | 1 |
| Great Dane | 1 |
| Corgi | 1 |

Result 42 ×

- Assignment Ten

- This time they asked if we could create a ranking for the dog breeds that get the most dog baths.

```sql
132
133          -- Assignment Ten
134      -- This time they asked if we could create a ranking for the dog breeds that get the most dog baths.
135 ⊠    select dog_breed, count(appointment_bath) as total_bath
136      from appointment,dog
137      where dog.dog_id = appointment.dog_id
138      and   appointment_bath = 1
139      group by dog_breed
140      order by total_bath desc;
141
```

| Result Grid | 🔲 | ↻ | Filter Rows: | | Export: 🖫 | Wrap Cell Content: 🔠 |

| dog_breed | total_bath |
|---|---|
| ▶ Mix | 7 |
| Dachshund | 4 |
| Golden Retriever | 3 |
| Beagle | 3 |
| Labrador | 3 |
| Poodle | 2 |
| Rottweiler | 2 |
| Pointer | 2 |
| Boston Terrier | 2 |
| Cocker Spaniels | 2 |
| Bulldog | 2 |
| German Shepherd | 1 |
| Great Dane | 1 |
| French Bulldog | 1 |
| Boxer | 1 |
| Australian Shep... | 1 |
| Corgi | 1 |

Result 43 ✕