








## Lesson 1: Summarizing Your Data Using Aggregate Functions

## Lesson 2: Segmenting Your Data Using GROUP BY

## Lesson 3: Joining Tables

-  **Video:** What are Joins?  
8 min
-  **Video:** Joins with Many to Many Relationships and Duplicates  
6 min
-  **Video:** A Note about Our Join Examples  
2 min

## Lesson 4: Practicing Inner Joins

-  **Ungraded External Tool:** MySQL Exercise 7: Inner Joins  
1h
-  **Reading:** MySQL Exercise 7: Answer Key  
10 min

## Lesson 5: Practicing Outer Joins

## Lesson 6: Teradata Week 3 Exercises

## Lesson 7: Test Your Understanding



Below is the answer key to MySQL Exercise 7. If you would like the PDF version of this answer key, it is located at the bottom of the page.

### Question 1:

%%sql

```
SELECT COUNT(DISTINCT dog_guid)
```

```
FROM reviews;
```

### Question 2:

%%sql

```
SELECT COUNT(DISTINCT user_guid)
```

```
FROM reviews;
```

### Question 3:

%%sql

```
SELECT COUNT(DISTINCT dog_guid)
```

```
FROM dogs;
```

### Question 4:

%%sql

```
SELECT COUNT(DISTINCT user_guid)
```

```
FROM dogs;
```

### Question 5:

%%sql

```
SELECT d.user_guid AS UserID, d.dog_guid AS DogID, d.breed, d.breed_type, d.breed_group
```

```
FROM dogs d, complete_tests c
```

```
WHERE d.dog_guid = c.dog_guid AND
```