

Module 4 Quiz

Quiz, 10 questions

✓ **Congratulations! You passed!**

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1.

Which of the following are supported in SQL when dealing with strings? (Select all that apply)



Trim

Correct

See the video entitled, " Working with Text Strings" for more information.



Concatenate

Correct

See the video entitled, " Working with Text Strings" for more information.



Substring

Correct

See the video entitled, " Working with Text Strings" for more information.



Upper

Correct

See the video entitled, " Working with Text Strings" for more information.



Lower

Correct

See the video entitled, " Working with Text Strings" for more information.

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2.

What will the result of the following statement be?

```
1 SELECT SUBSTR('You are beautiful.', 3)
```

- ☐ beautiful.
- ☐ You are beautiful.
- ☐ u are beautiful.
- ☒ This will return an error

This should not be selected

See the video entitled, "Working with Text Strings" for more information.



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3.

What is the results of the following query?

```
1 select * orders
2 where order_date = '2017-07-15'
3
```

Additional information:

- Orders = integer
 - Order_date = datetime
- ☐ You will get all of the orders.
- ☒ You will get all the orders with an order date of 2017-07-15.

This should not be selected

See the videos entitled, "Working with Text Strings" and "Working with Date and Time Strings" for more information.

- ☐ You won't get any results.

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4.

Case statements can only be used for which of the following statements (select all that apply)?

☐

Insert

Correct

See the video entitled, "Case Statements" for more information.

☐

Delete

Correct

See the video entitled, "Case Statements" for more information.

☐

Update

Correct

See the video entitled, "Case Statements" for more information.

☐

Select

Correct

See the video entitled, "Case Statements" for more information.



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5.

Which of the following is FALSE regarding views?

☐

Views can be used to encapsulate queries

☒

Views will remain after the database connection has ended

Correct

See the video entitled, "Views" for more information.

☐

Views are stored in a query

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6.

You are only allowed to have one condition in a case statement. True or false?



True



False

Correct

See the video entitled, " Case Statements" for more information.



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7.

Select the correct SQL syntax for creating a view.



```
1 CREATE VIEW
2 customers AS
3 SELECT *
4 FROM customers
5 WHERE Name LIKE '%I'
6
```

Correct

See the video entitled, "Views" for more information.



```
1 CREATE VIEW AS
2 SELECT *
3 FROM customers
4 WHERE Name LIKE '%I'
5
```



```
1 INSERT VIEW customers AS
2 Select *
3 FROM customers
4 WHERE Name LIKE '%I'
5
```

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8.

Profiling data is helpful for which of the following? (Select all that apply)

☐

Joining tables together

**Un-selected is correct**☐

Filter out unwanted data elements

**Correct**

See the video entitled, "Data Governance and Profiling" for more information.

☐

Understanding your data

**Correct**

See the video entitled, "Data Governance and Profiling" for more information.

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9.

What is the most important step before beginning to write queries?

☐

Deciding what tables you want to join

☐

Deciding what should be done on the client application vs the RDMS

☒

Understanding your data

**Correct**

See the 2-part video entitled, "Using SQL for Data Science" for more information.

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10.

When debugging a query, what should you always remember to do first?

☐

Make sure you didn't miss any commas.



Start by examining the joins

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Start simple and break it down first

Correct

See the 2-part video entitled, "Using SQL for Data Science" for more information.



Start with the inner most query

