



Congratulations! You passed!

TO PASS 80% or higher

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Retake the assignment in 7h 59m

GRADE
100%

Module 2 Quiz

LATEST SUBMISSION GRADE

100%

1. Which step should happen first in data analysis?

1 / 1 point

- ☐ Cleaning and Labeling Data
- ☒ Collecting Data
- ☐ Machine Learning



Correct

2. TROUBLESHOOT THIS ERROR by selecting appropriate actions to remedy this specific query:

1 / 1 point

Kat ran 9 lines of MySQL (finished in 112ms):

```
1. -----
2. CREATE TABLE
3. example_table
4. (
5. column1 DATE,
6. column2 VARCHAR(30),
7. column3 INT
8. )
9. -----
```

ERROR 1050 (42S01) at line 1: Table 'example_table' already exists

Bye

mysql>

- ☐ Check that the data type for column2 should actually be VARCHAR(30)
- ☐ There is no error here
- ☒ Run DESCRIBE TABLE example_table to see if the existing example_table is structured appropriately
- ☐ Check the syntax, near line 6



Correct

It is important to know how tables are structured to run the correct query script.

3. Based on the code snippet below, which statements are definitely true (select all that apply):

1 / 1 point

- 1. CREATE TABLE table_x AS
- 2. SELECT
- 3. dates_rolup.date,
- 4. COUNT(*)
- 5. FROM
- 6. Dates_roluop
- 7. JOIN
- 8. Table_y
- 9. ON
- 10. dates_rolup.date = table_y.date
- 11. GROUP BY
- 12. date

- ☐ table_y is dependent on table_x
- ☒ table_x is dependent on table_y and dates_rolup

✓ **Correct**
This is a true statement.

☒ table_x is dependent on table_y

✓ **Correct**
This is a true statement.

☐ table_y has no dependencies

4. Based on what you know about the orders table for this class, which of the following columns have a suitable datatype?

1 / 1 point

Query 1 SQL Display Table +

Run Limit 100 Format SQL View History...

1 DESCRIBE orders

Export Copy Chart Pivot

	Field	Type	Null	Key
1	invoice_id	int(6)	YES	
2	line_item_id	int(6)	YES	
3	user_id	int(6)	YES	
4	item_id	decimal(5,1)	YES	
5	item_name	varchar(45)	YES	
6	item_category	varchar(11)	YES	
7	price	decimal(21,3)	YES	
8	paid_at	varchar(26)	YES	
9	created_at	varchar(26)	YES	

***Please note, due to the limitations of the free version of Mode Analytics, you are not able to replicate this data without an Enterprise account.*

☐ Paid_at

☒ user_id

✓ **Correct**
This is a suitable data type.

☒ Invoice_id

✓ **Correct**
This is a suitable data type.

☐ Created_at

☒ item_name

✓ **Correct**
This is a suitable data type.

5. For this class, we are using Mode on a dataset specifically created for this course. Which of these circumstances could be different in a real world situation? (Select all that apply.)

1 / 1 point

☒ The specific dialect of SQL

✓ **Correct**
The categories of data will be the same in any dialect, you should feel prepared to write SQL in any dialect.

☒ How frequently the data is updated

✓ **Correct**
It is very difficult simulating live updated data in a course, and in the real world you will likely find updated data.

☐ The categories of data types (Number, Date, String)

6. Based on what you know about the **items** table for this class, which of the following columns have a suitable datatype? (Select all that apply.)

1 / 1 point

Query 1 SQL Display Table +

Run Limit 100 Format SQL View History...

1 DESCRIBE items

Export Copy Chart Pivot

	Field	Type	Null
--	-------	------	------

	name	type	nullable
1	adjective	varchar(19)	YES
2	category	varchar(11)	YES
3	created_at	varchar(26)	YES
4	id	decimal(5,1)	YES
5	modifier	varchar(13)	YES
6	name	varchar(45)	YES
7	price	decimal(21,3)	YES

****Please note, due to the limitations of the free version of Mode Analytics, you are not able to replicate this data without an Enterprise account.**

☒ name

 **Correct**

This is a suitable data type.

☒ category

 **Correct**

This is a suitable data type.

☐ created_at

7. Which of the following table methods allows you to specify data types?

1 / 1 point

- ☐ 1. SELECT *
2. FROM
3. example_table
4. AS ...
- ☐ 1. MAKE NEW TABLE
2. example_table
3. AS ...
- ☒ 1. CREATE TABLE
2. example_table
3. (column_name1)
- ☐ 1. CREATE TABLE
2. example_table
3. AS ...

 **Correct**

This table method allows you to specify data types.

8. When creating a user info table we used a variable in place of which column?

1 / 1 point

- ☐ The order id
- ☐ The user
- ☒ The date

 **Correct**

In our table, the date was replaced by a variable.

9. Suppose in a table, you find a column called email which contains the value user@domain.com. What is the correct data type category for this column?

1 / 1 point

...	email	...
...	user@domain.com	...
...

- ☒ String
- ☐ Date
- ☐ Number

 **Correct**

This is an example of string data.

10. In this module, we created a table specifically of item view events. What level of the hierarchy of data does this belong on?

1 / 1 point

- ☒ Explore and Transform
- ☐ Learn and Optimize
- ☐ Collecting Data



Correct

You've got this!

11. Suppose in a table you find a column called event_id, which contains the value z87df6ab4waoa756b3. What is the correct data type category for this column?

1 / 1 point

...	event_id	...
...	z87df6ab4waoa756b3	...
...

- ☐ Number
- ☒ String
- ☐ Date



Correct

This is an example of string data.