

Congratulations! You passed!

TO PASS 70% or higher

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GRADE

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Module 1 Quiz

LATEST SUBMISSION GRADE

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1. Select the jobs below that may use SQL in their work (select all that apply).

1 / 1 point

☒ DBA



Correct

See the video entitled, "What is SQL Anyway?" for more information.

☒ QA Engineer



Correct

See the video entitled, "What is SQL Anyway?" for more information.

☒ Backend Developer



Correct

See the video entitled, "What is SQL Anyway?" for more information.

☒ Data Analyst



Correct

See the video entitled, "What is SQL Anyway?" for more information.

☒ Data Scientist



Correct

See the video entitled, "What is SQL Anyway?" for more information.

2. How does a data scientist and DBA differ in how they use SQL?

1 / 1 point

- ☒ DBAs manage the database for other users.
- ☐ Data scientists only query the database and don't create tables.
- ☐ DBA's are the only ones who merge datasets together.
- ☐ Data scientists don't write complex queries.



Correct

See the video entitled, "What is SQL Anyway?" for more information.

3. Which of the following statements are true of Entity Relationship (ER) Diagrams?

0.833 / 1 point

- ☒ They speed up your querying time.



This should not be selected

See the video entitled, "Data Models, Part 2: The Evolution of Data Models" for more information.

- ☒ They show you the relationships between tables.



Correct

See the video entitled, "Data Models, Part 2: The Evolution of Data Models" for more information.

- ☒ They are usually a representation of a business process.



Correct

See the video entitled, "Data Models, Part 2: The Evolution of Data Models" for more information.

- ☒ They identify the Primary Keys



Correct

See the video entitled, "Data Models, Part 2: The Evolution of Data Models" for more information.

- ☐ They only represent entities in the diagram.

- ☒ They usually are represented in a visual format.



Correct

See the video entitled, "Data Models, Part 2: The Evolution of Data Models" for more information.

Select the query below that will retrieve all columns from the

1 / 1 point

4. Select the query below that will retrieve all columns from the customers table.

1 / 1 point

☐

```
1 SELECT
2 FirstName
3 ,LastName
4 ,Address
5 ,City
6 ,State
7 ,ZipCode
8 ,PhoneNumber
9 FROM customers
```

☐

```
1 SELECT (*) FROM customers
```

☐

```
1 RETRIEVE * FROM customers
```

☒

```
1 SELECT * FROM customers
```



Correct

See the video entitled, "Retrieving Data with a Select Statement" for more information.

5. Select the query that will retrieve **only** the Customer First Name, Last Name, and Company.

1 / 1 point

☐

```
1 SELECT
2 FirstName
3 ,LastName
4 Company
5 FROM customers
6
```

☐

```
1 SELECT
2 FirstName
3 LastName
4 Company
5 FROM customers
6
```

☐ 1 `SELECT * FROM customers`

☒ 1 `SELECT`
2 `FirstName`
3 `,LastName`
4 `,Company`
5 `FROM customers`
6

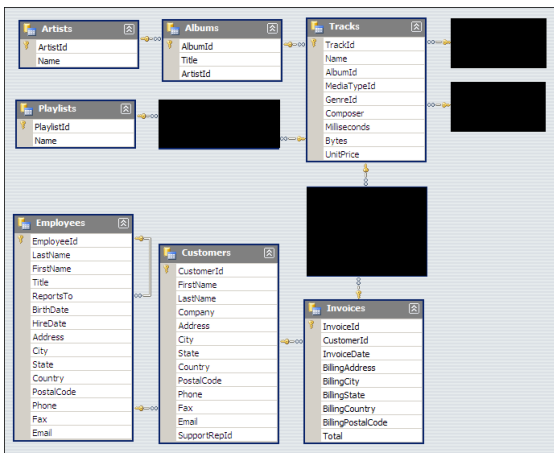


Correct

See the video entitled, "Retrieving Data with a Select Statement" for more information.

6. The ER diagram below is depicting what kind of relationship between the **EMPLOYEES** and **CUSTOMERS** tables?

1 / 1 point



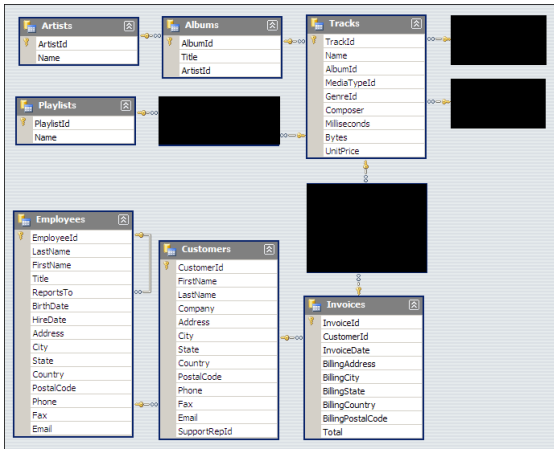
- ☐ One-to-one
- ☒ One-to-many
- ☐ Many-to-one
- ☐ Many-to-many



Correct

See the video entitled, "Data Models, Part 3: Relational vs. Transactional Models" for more information.

7. The data model depicted in the ER diagram below could be described as a _____. 1 / 1 point



- ☐ Transactional Model
- ☐ Star Schema
- ☒ Relational Model



Correct

See the video entitled, "Data Models, Part 3: Relational vs. Transactional Models" for more information.

8. When using the "CREATE TABLE" command and creating new columns for that table, which of the following statements is true? 1 / 1 point

- ☐ You can create the table and then assign data types later
- ☒ You must assign a data type to each column
- ☐ You must insert data into all the columns while creating the table



Correct

See the video entitled, "Creating Tables" for more information.

9. Look at the values in the two columns below. Based on the values in each column, which column could potentially be used as a primary key? 1 / 1 point

Column 1	Column 2
----------	----------

5	2
6	4
1	5
2	5
34	32
8	6
9	4

- ☒ Column 1
- ☐ Column 2
- ☐ Column 1 **OR** Column 2



Correct

See the video entitled, "Creating Tables" for more information.

10. In order to retrieve data from a table with SQL, every SQL statement must contain?

1 / 1 point

- ☐ FIND
- ☐ CREATE
- ☒ SELECT
- ☐ WHERE



Correct

See the video entitled, "Retrieving Data with a Select Statement" for more information.