

Module 1 Quiz

LATEST SUBMISSION GRADE

98.33%

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

1 / 1 point

☐

Data Scientist - Correct

Correct

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

☐

Backend Developer - Correct

Correct

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

☐

Data Analyst - Correct

Correct

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

☐

QA Engineer - Correct

Correct

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

☐

DBA - Correct

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



DBA's are the only ones who merge datasets together.



Data scientists only query the database and don't create tables.



DBAs manage the database for other users. - Correct



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.



They identify the Primary Keys



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 usually are represented in a visual format.

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 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.

You didn't select all the correct answers

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

1 / 1 point



1

`SELECT (*) FROM customers`



1

`RETRIEVE * FROM customers`



1

`SELECT * FROM customers - Correct`



1

2

3

4

5

6

7

8

9

SELECT

FirstName

```
, LastName
```

,Address

, City

,State

```
, ZipCode
```

```
,PhoneNumber
```

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 * FROM customers
```

[illegible]

1

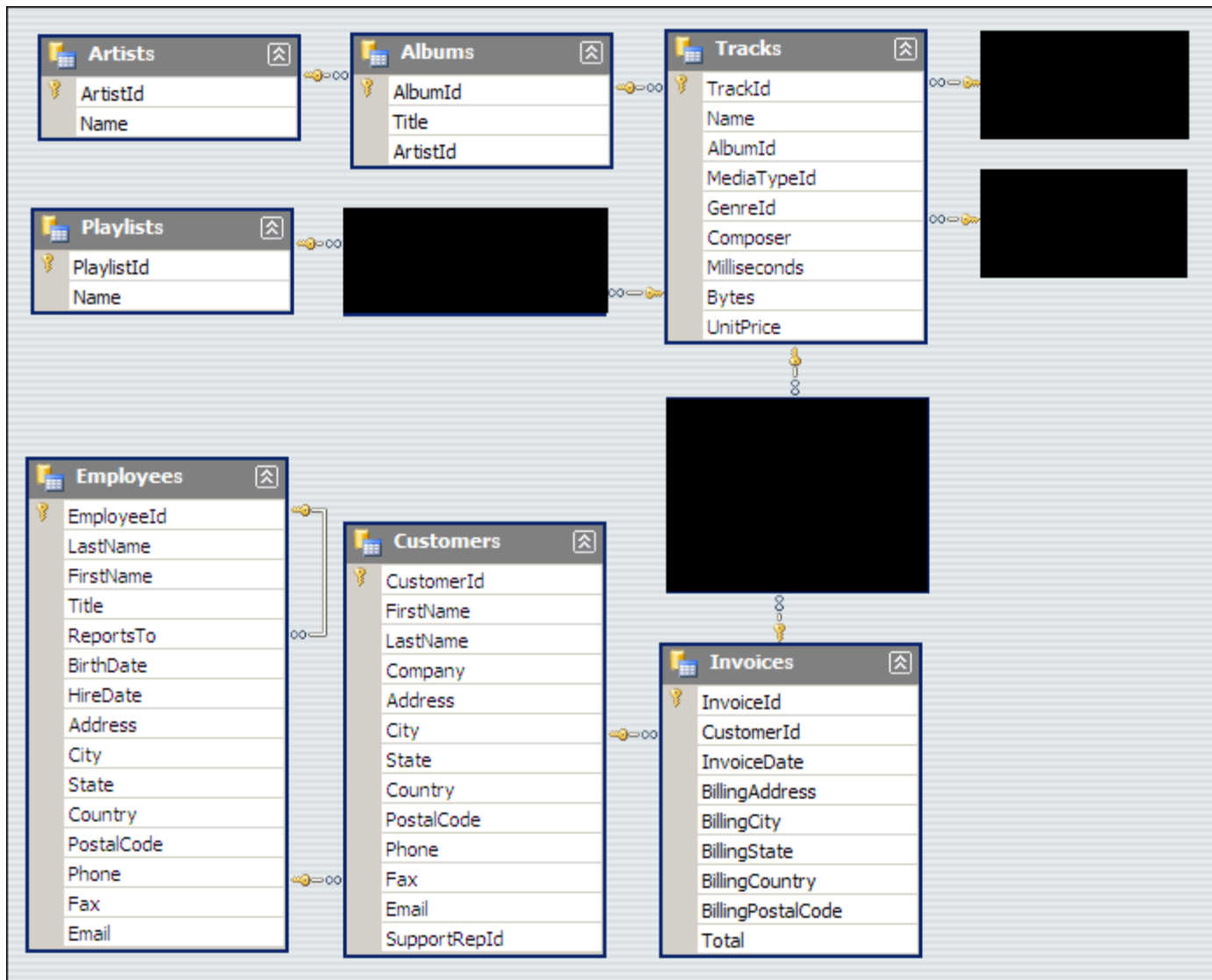
2

	3
	4
	5
	6
<p>SELECT</p> <p>FirstName</p> <p>,LastName</p> <p>,Company</p> <p>FROM customers - Correct</p>	



	1
	2
	3
	4
	5
	6
<p>SELECT</p> <p>FirstName</p> <p>LastName</p> <p>Company</p> <p>FROM customers</p>	





1 / 1 point



One-to-one



One-to-many - Correct



Many-to-one

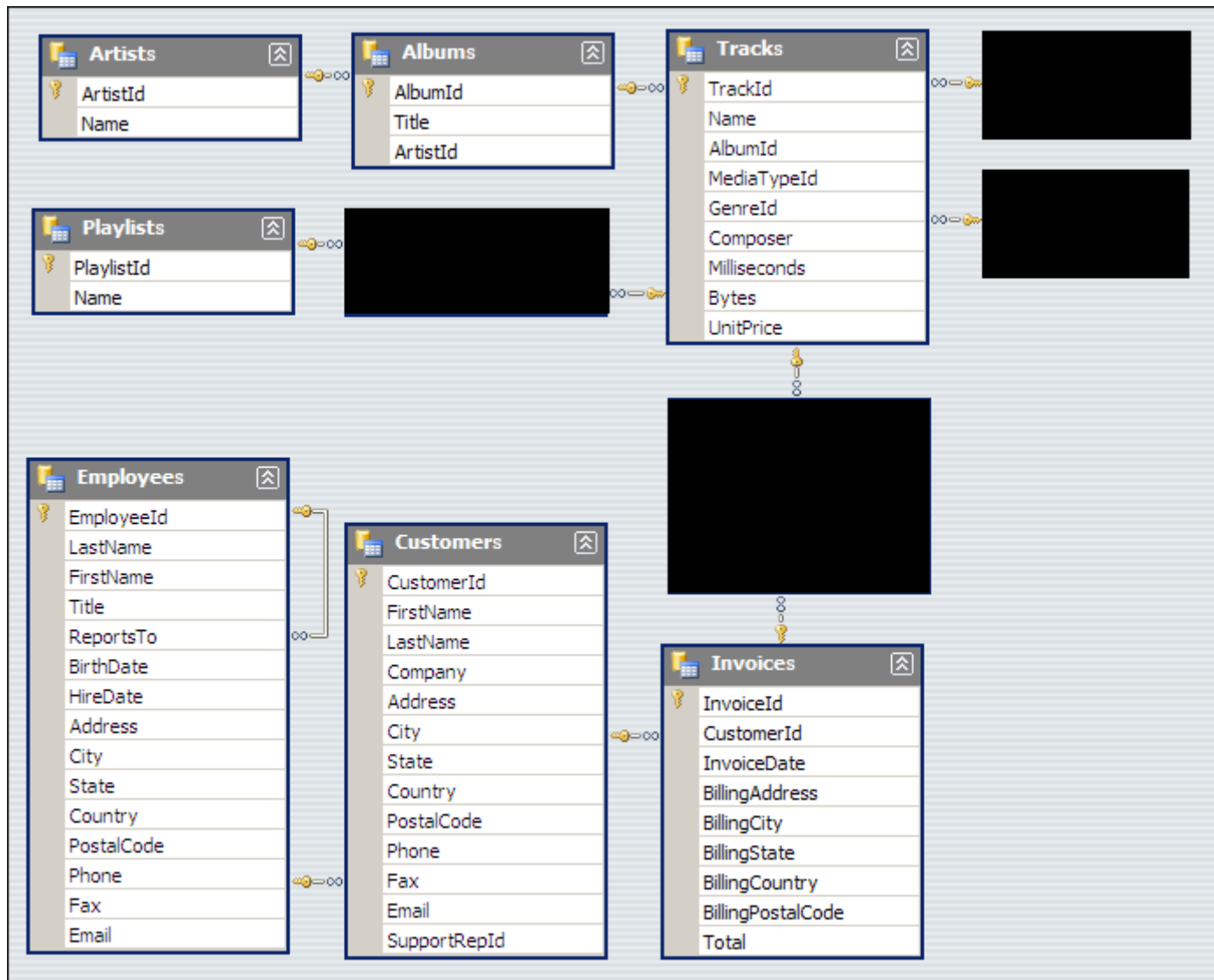


Many-to-many

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



Star Schema



Relational Model - Correct



Transactional 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 must insert data into all the columns while creating the table



You can create the table and then assign data types later



You must assign a data type to each column - Correct

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?

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

1 / 1 point



Column 1 - Correct



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



CREATE



FIND



SELECT - Correct



WHERE

Correct

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