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**ROLL NO. : R177219148**

**BATCH-5(AI&ML)**

**ASSESSMENT 3**

**CODE**

MySQL Shell 8.0.21

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Type '\help' or '\?' for help; '\quit' to exit.

MySQL JS > \sql

Switching to SQL mode... Commands end with ;

MySQL SQL > \connect root@localhost:3306;

Invalid URI: Illegal character [;] found at position 19

MySQL SQL > \connect root@localhost:3306

Creating a session to 'root@localhost:3306'

Fetching schema names for autocompletion... Press ^C to stop.

Your MySQL connection id is 11

Server version: 8.0.21 MySQL Community Server - GPL

No default schema selected; type \use <schema> to set one.

MySQL localhost:3306 ssl SQL > use assessment;

Default schema set to `assessment`.

Fetching table and column names from `assessment` for auto-completion... Press ^C to stop.

MySQL localhost:3306 ssl assessment SQL > drop table salesman;

Query OK, 0 rows affected (0.8270 sec)

MySQL localhost:3306 ssl assessment SQL > create table salesman(salesman\_id int primary key not null,name varchar(20),city varchar(20),comission decimal(3,2));

Query OK, 0 rows affected (0.4898 sec)

MySQL localhost:3306 ssl assessment SQL > insert into salesman values(5001,'JAMES HOOG','NEW YORK',0.15);

Query OK, 1 row affected (0.0857 sec)

MySQL localhost:3306 ssl assessment SQL > insert into salesman values(5002,'NAIL KNITE','PARIS',0.13);

Query OK, 1 row affected (0.1407 sec)

MySQL localhost:3306 ssl assessment SQL > insert into salesman values(5005,'PIT ALEX','LONDON',0.11);

Query OK, 1 row affected (0.0782 sec)

MySQL localhost:3306 ssl assessment SQL > insert into salesman values(5006,'MC LYON','PARIS',0.14);

Query OK, 1 row affected (0.1001 sec)

MySQL localhost:3306 ssl assessment SQL > insert into salesman values(5007,'PAUL ADAM','ROME',0.13);

Query OK, 1 row affected (0.1084 sec)

MySQL localhost:3306 ssl assessment SQL > insert into salesman values(5003,'LAUSON HEN','SAN JOSE',0.12);

Query OK, 1 row affected (0.1129 sec)

MySQL localhost:3306 ssl assessment SQL > create table customer(customer\_id int primary key not null,cust\_name varchar(20),city varchar(20),grade int,salesman\_id int,foreign key(salesman\_id)references salesman(salesman\_id));

Query OK, 0 rows affected (1.3834 sec)

MySQL localhost:3306 ssl assessment SQL > insert into customer values(3002,'NICK RIMANDO','NEW YORK',100,5001);

Query OK, 1 row affected (0.2369 sec)

MySQL localhost:3306 ssl assessment SQL > insert into customer values(3007,'BRAD DAVIS','NEW YORK',200,5001);

Query OK, 1 row affected (0.1476 sec)

MySQL localhost:3306 ssl assessment SQL > insert into customer values(3005,'GRAHAM ZUSI','CALIFORNIA',200,5002);

Query OK, 1 row affected (0.0753 sec)

MySQL localhost:3306 ssl assessment SQL > insert into customer values(3008,'JULIAN GREEN','LONDON',300,5002);

Query OK, 1 row affected (0.1568 sec)

MySQL localhost:3306 ssl assessment SQL > insert into customer values(3004,'FABIAN JOHNSON','PARIS',300,5006);

Query OK, 1 row affected (0.1256 sec)

MySQL localhost:3306 ssl assessment SQL > insert into customer values(3009,'GEOFF CAMERON','BERLIN',100,5003);

Query OK, 1 row affected (0.0932 sec)

MySQL localhost:3306 ssl assessment SQL > insert into customer values(3003,'JOZY ALTIDOR','MOSCOW',200,5007);

Query OK, 1 row affected (0.0686 sec)

MySQL localhost:3306 ssl assessment SQL > select customer.cust\_name,salesman.name,salesman.city from salesman,customer where salesman.city = customer.city;

+----------------+------------+----------+

| cust\_name | name | city |

+----------------+------------+----------+

| NICK RIMANDO | JAMES HOOG | NEW YORK |

| FABIAN JOHNSON | NAIL KNITE | PARIS |

| FABIAN JOHNSON | MC LYON | PARIS |

| BRAD DAVIS | JAMES HOOG | NEW YORK |

| JULIAN GREEN | PIT ALEX | LONDON |

+----------------+------------+----------+

5 rows in set (0.0811 sec)

MySQL localhost:3306 ssl assessment SQL > SELECT \* FROM SALESMAN;

+-------------+------------+----------+-----------+

| salesman\_id | name | city | comission |

+-------------+------------+----------+-----------+

| 5001 | JAMES HOOG | NEW YORK | 0.15 |

| 5002 | NAIL KNITE | PARIS | 0.13 |

| 5003 | LAUSON HEN | SAN JOSE | 0.12 |

| 5005 | PIT ALEX | LONDON | 0.11 |

| 5006 | MC LYON | PARIS | 0.14 |

| 5007 | PAUL ADAM | ROME | 0.13 |

+-------------+------------+----------+-----------+

6 rows in set (0.0851 sec)

MySQL localhost:3306 ssl assessment SQL > SELECT \* FROM CUSTOMER;

+-------------+----------------+------------+-------+-------------+

| customer\_id | cust\_name | city | grade | salesman\_id |

+-------------+----------------+------------+-------+-------------+

| 3002 | NICK RIMANDO | NEW YORK | 100 | 5001 |

| 3003 | JOZY ALTIDOR | MOSCOW | 200 | 5007 |

| 3004 | FABIAN JOHNSON | PARIS | 300 | 5006 |

| 3005 | GRAHAM ZUSI | CALIFORNIA | 200 | 5002 |

| 3007 | BRAD DAVIS | NEW YORK | 200 | 5001 |

| 3008 | JULIAN GREEN | LONDON | 300 | 5002 |

| 3009 | GEOFF CAMERON | BERLIN | 100 | 5003 |

+-------------+----------------+------------+-------+-------------+

7 rows in set (0.0010 sec)



