

SQL-HandsOn4

Tye Porter

Using MySQL Shell

```
mysqlsh %1 MySQL localhost:3306 ssl sakila SQL > CREATE VIEW initialCustomers AS
zsh %2 -> SELECT first_name, last_name, email
-> FROM customer WHERE customer_id < 100;

Query OK, 0 rows affected (0.0045 sec)
MySQL localhost:3306 ssl sakila SQL > SELECT * FROM initialCustomers;

+-----+-----+-----+
| first_name | last_name | email |
+-----+-----+-----+
| MARY | SMITH | MARY.SMITH@sakilacustomer.org |
| PATRICIA | JOHNSON | PATRICIA.JOHNSON@sakilacustomer.org |
| LINDA | WILLIAMS | LINDA.WILLIAMS@sakilacustomer.org |
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| ELIZABETH | BROWN | ELIZABETH.BROWN@sakilacustomer.org |
| JENNIFER | DAVIS | JENNIFER.DAVIS@sakilacustomer.org |
| MARIA | MILLER | MARIA.MILLER@sakilacustomer.org |
| SUSAN | WILSON | SUSAN.WILSON@sakilacustomer.org |
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| BETTY | WHITE | BETTY.WHITE@sakilacustomer.org |
| HELEN | HARRIS | HELEN.HARRIS@sakilacustomer.org |
| SANDRA | MARTIN | SANDRA.MARTIN@sakilacustomer.org |
| DONNA | THOMPSON | DONNA.THOMPSON@sakilacustomer.org |
| CAROL | GARCIA | CAROL.GARCIA@sakilacustomer.org |
| RUTH | MARTINEZ | RUTH.MARTINEZ@sakilacustomer.org |
| SHARON | ROBINSON | SHARON.ROBINSON@sakilacustomer.org |
| MICHELLE | CLARK | MICHELLE.CLARK@sakilacustomer.org |
| LAURA | RODRIGUEZ | LAURA.RODRIGUEZ@sakilacustomer.org |
| SARAH | LEWIS | SARAH.LEWIS@sakilacustomer.org |
| KIMBERLY | LEE | KIMBERLY.LEE@sakilacustomer.org |
| DEBORAH | WALKER | DEBORAH.WALKER@sakilacustomer.org |
| JESSICA | HALL | JESSICA.HALL@sakilacustomer.org |
| SHIRLEY | ALLEN | SHIRLEY.ALLEN@sakilacustomer.org |
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| ANGELA | HERNANDEZ | ANGELA.HERNANDEZ@sakilacustomer.org |
| MELISSA | KING | MELISSA.KING@sakilacustomer.org |
| BRENDA | WRIGHT | BRENDA.WRIGHT@sakilacustomer.org |
| AMY | LOPEZ | AMY.LOPEZ@sakilacustomer.org |
| ANNA | HILL | ANNA.HILL@sakilacustomer.org |
| REBECCA | SCOTT | REBECCA.SCOTT@sakilacustomer.org |
| VIRGINIA | GREEN | VIRGINIA.GREEN@sakilacustomer.org |
| KATHLEEN | ADAMS | KATHLEEN.ADAMS@sakilacustomer.org |
| PAMELA | BAKER | PAMELA.BAKER@sakilacustomer.org |
| MARTHA | GONZALEZ | MARTHA.GONZALEZ@sakilacustomer.org |
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+-----+-----+-----+
```

1. Create a view named "initialCustomers" that shows the first name, last name, and email address of customers that have an id of less than 100. Once that is complete, select and view your newly created view.

mysqlsh %1

zsh ● %2

```
MySQL localhost:3306 ssl sakila SQL > CREATE TABLE ProductList(  
-> ProductId INTEGER UNIQUE AUTO_INCREMENT,  
-> ProductName VARCHAR(200) NOT NULL,  
-> Price FLOAT NOT NULL,  
-> DateAdded DATETIME DEFAULT current_timestamp,  
-> EmployeeSupportId INTEGER NOT NULL);  
Query OK, 0 rows affected (0.0485 sec)  
MySQL localhost:3306 ssl sakila SQL > INSERT INTO ProductList (ProductName, Price, EmployeeSupportId)  
-> VALUES ("iPhone 12", 1099.99, 1001);  
Query OK, 1 row affected (0.0204 sec)  
MySQL localhost:3306 ssl sakila SQL > SELECT * FROM ProductList;  
+-----+-----+-----+-----+-----+  
| ProductId | ProductName | Price | DateAdded | EmployeeSupportId |  
+-----+-----+-----+-----+-----+  
| 1 | iPhone 12 | 1099.99 | 2020-10-26 19:46:35 | 1001 |  
+-----+-----+-----+-----+-----+  
1 row in set (0.0012 sec)  
MySQL localhost:3306 ssl sakila SQL > _
```

2. Create a table named "ProductList". Include the following columns:

- ProductId
- ProductName
- Price
- DateAdded
- EmployeeSupportId