1. Pull the image for MySQL from SCB artifactory

podman pull  artifactory.global.standardchartered.com/mysql

1. Copy the image ID

podman images -> copy image ID

1. Run podman and set the image ID

podman run --name mysql -p3306:3306  -e MYSQL\_ROOT\_PASSWORD=shobana -e  MYSQL\_USER=user1 -e MYSQL\_PASSWORD=user1 -e MYSQL\_DATABASE=mysqldb -d <image ID>

1. Check the container instance ID

podman ps -> copy container ID

1. Run the instance

podman exec -it <container ID> mysql -uroot -p

1. Give password and access the prompt.
2. Database creation

CREATE DATABASE IF NOT EXISTS etl\_example;

USE etl\_example;

1. Table creation

CREATE TABLE IF NOT EXISTS sample\_data ( id INT AUTO\_INCREMENT PRIMARY KEY, name VARCHAR(255), age INT, city VARCHAR(255), created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP);

1. Insertion of records

INSERT INTO sample\_data (name, age, city) VALUES

('Alice', 30, 'New York'),

('Bob', 25, 'Los Angeles'),

('Charlie', 35, 'Chicago');

1. Package installation

pip install pandas -i  <https://artifactory.global.standardchartered.com/artifactory/api/pypi/pypi/simple>

pip install pymysql -i  <https://artifactory.global.standardchartered.com/artifactory/api/pypi/pypi/simple>

INSERT INTO sample\_data (name, age, city) VALUES

('Shobana', 60, 'New York'),

(‘Grace’, 65, 'Los Angeles'),

('Joylyn', 45, 'Chicago');