**Project 3 – Assembly Line: Commands**

**export MYSQLSH\_PROMPT\_THEME='MySQL > '**

**mysqlsh**

**Connect to Aurora MySQL –**

**\connect admin@<aurora-endpoint>:3306**

**Create CRM database and tables:**

**create database assembly\_line\_db;**

**use assembly\_line\_db;**

**CREATE TABLE assembly\_line (**

**line\_id INT,**

**product\_id INT,**

**name VARCHAR(255) NOT NULL,**

**start\_ws\_id VARCHAR(30),**

**current\_ws\_id VARCHAR(30),**

**end\_ws\_id VARCHAR(30),**

**status VARCHAR(50)**

**);**

**CREATE TABLE product (**

**product\_id INT,**

**category VARCHAR(100),**

**quantity INT**

**);**

**CREATE TABLE workstation (**

**ws\_id VARCHAR(30),**

**name VARCHAR(255) NOT NULL,**

**next\_ws\_id VARCHAR(30),**

**is\_available CHAR(1),**

**ws\_bay\_id VARCHAR(30)**

**);**

**CREATE TABLE worker (**

**worker\_id VARCHAR(30),**

**name VARCHAR(255) NOT NULL,**

**assigned\_ws\_id VARCHAR(30),**

**is\_available CHAR(1)**

**);**

**CREATE TABLE machine (**

**machine\_id VARCHAR(30),**

**ws\_id VARCHAR(30),**

**is\_available CHAR(1),**

**last\_maint\_date DATE**

**);**

**CREATE TABLE production\_log (**

**log\_id VARCHAR(50),**

**product\_id INT,**

**ws\_id VARCHAR(30),**

**worker\_id VARCHAR(30),**

**machine\_id VARCHAR(30),**

**start\_time TIMESTAMP,**

**end\_time TIMESTAMP,**

**status VARCHAR(50)**

**);**

**load data s3 file 's3://<bucket>/** **machine\_data.csv' into table machine fields terminated by ',' ignore 1 lines;**

**load data s3 file 's3://<bucket>/** **worker\_data.csv' into table worker fields terminated by ',' ignore 1 lines;**

**load data s3 file 's3://<bucket>/** **workstation\_data.csv' into table workstation fields terminated by ',' ignore 1 lines;**

**UPDATE worker SET is\_available='Y';**

**UPDATE machine SET is\_available='Y';**

**UPDATE workstation SET is\_available='Y';**