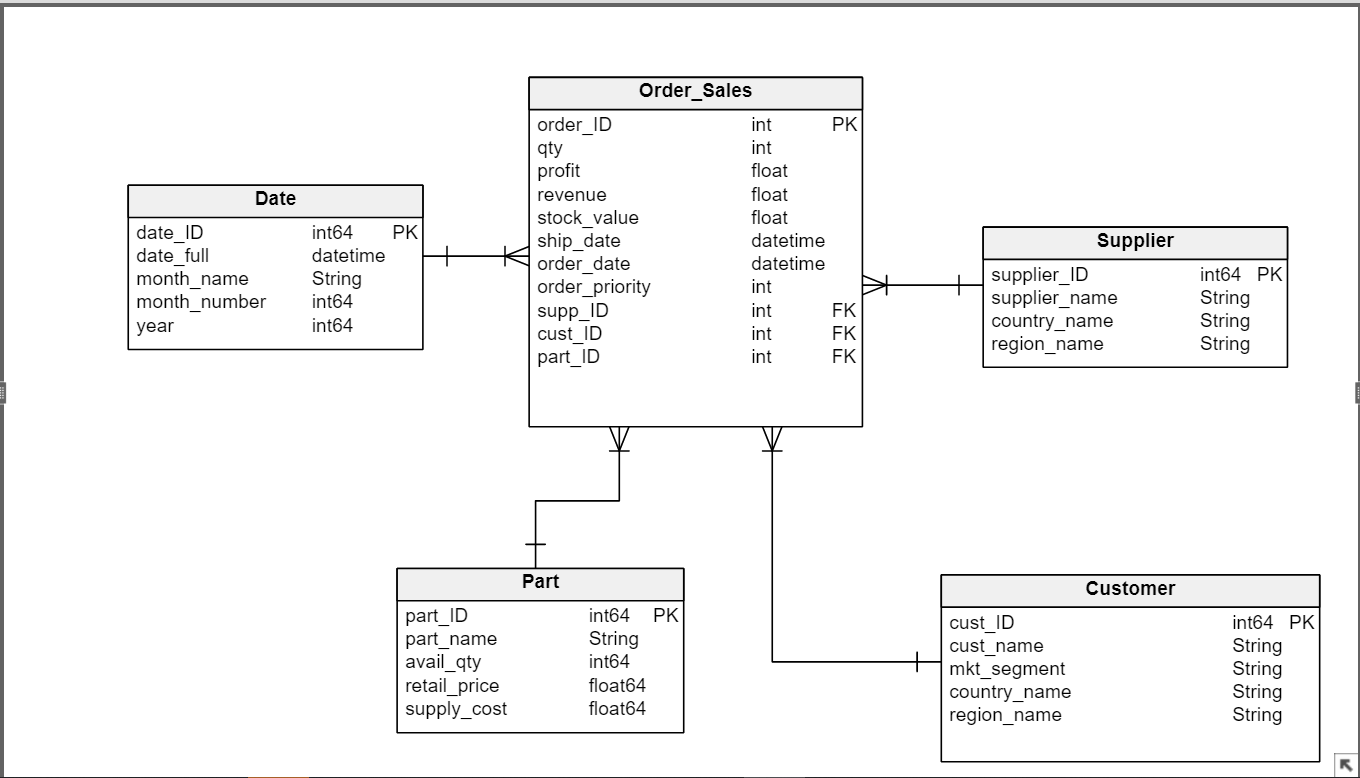
Scott Harris + Noah Dunn

Mini-Project #2

2/29/2020

**Schema**

Please Note: Vertabello cancelled my trial, so all the ID parameters should be classified as strings and not ints

****

**Schema DDL**

-- Created by Vertabelo (http://vertabelo.com)

-- Last modification date: 2020-02-20 16:20:40.989

-- tables

-- Table: Customer

CREATE TABLE IF NOT EXISTS `kcd\_dw.Customer` (

cust\_ID String NOT NULL,

cust\_name String NOT NULL,

mkt\_segment String NOT NULL,

country\_name String NOT NULL,

region\_name String NOT NULL,

);

-- Table: Date

CREATE TABLE IF NOT EXISTS `kcd\_dw.Date` (

date\_ID String NOT NULL,

date\_full datetime NOT NULL,

month\_name String NOT NULL,

month\_number int64 NOT NULL,

year int64 NOT NULL,

);

-- Table: Order\_Sales

CREATE TABLE IF NOT EXISTS `kcd\_dw.Order\_Sales` (

order\_ID String NOT NULL,

qty int64 NOT NULL,

profit float64 NOT NULL,

revenue float64 NOT NULL,

stock\_value float64 NOT NULL,

ship\_date datetime NOT NULL,

order\_date datetime NOT NULL,

order\_priority String NOT NULL,

supp\_ID String NOT NULL,

cust\_ID String NOT NULL,

part\_ID String NOT NULL

);

-- Table: Part

CREATE TABLE IF NOT EXISTS `kcd\_dw.Part` (

part\_ID String NOT NULL,

part\_name String NOT NULL,

avail\_qty int64 NOT NULL,

retail\_price float64 NOT NULL,

supply\_cost float64 NOT NULL,

);

-- Table: Supplier

CREATE TABLE IF NOT EXISTS `kcd\_dw.Supplier` (

supplier\_ID String NOT NULL,

supplier\_name String NOT NULL,

country\_name String NOT NULL,

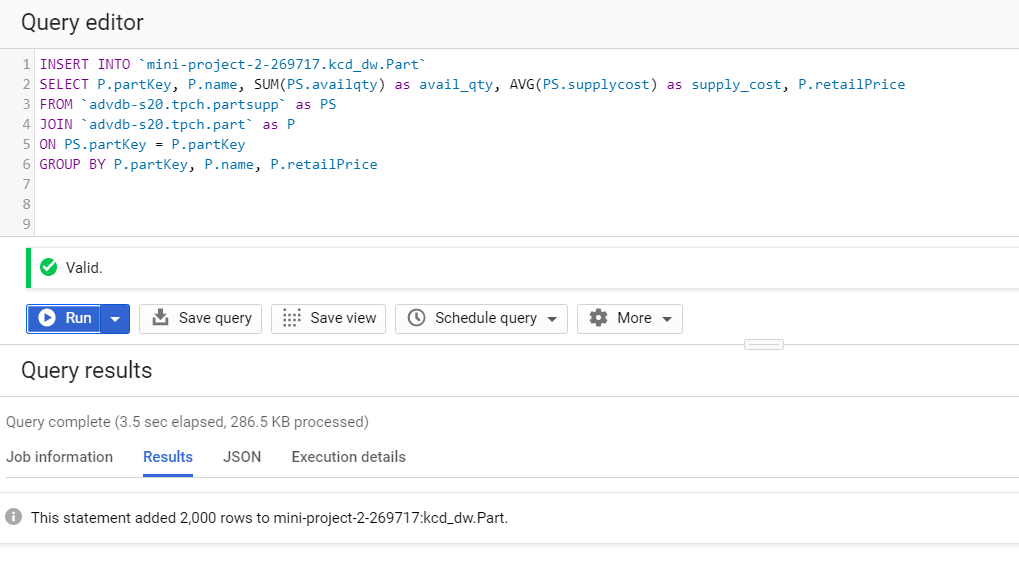
region\_name String NOT NULL,

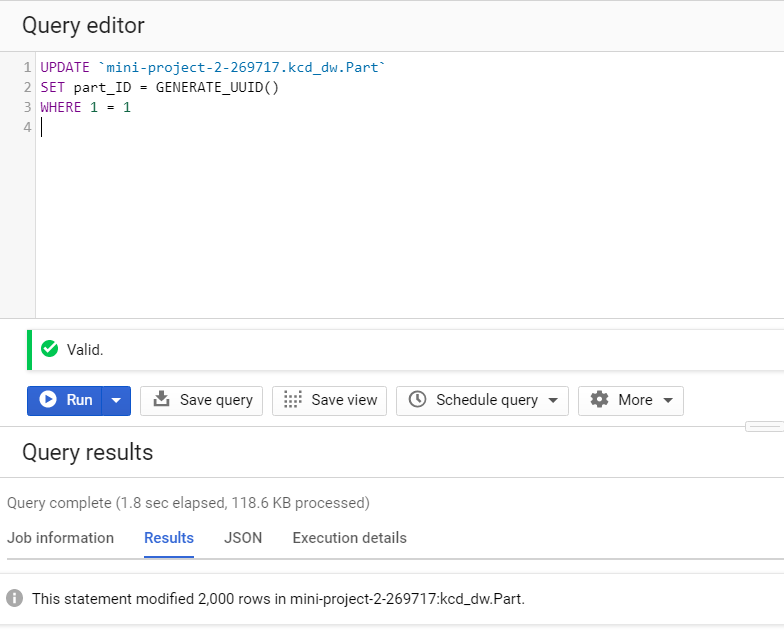
);

**Insert Statements**

Note: We left the queries in to ensure that these could be tested thoroughly

**Populating Part Table**



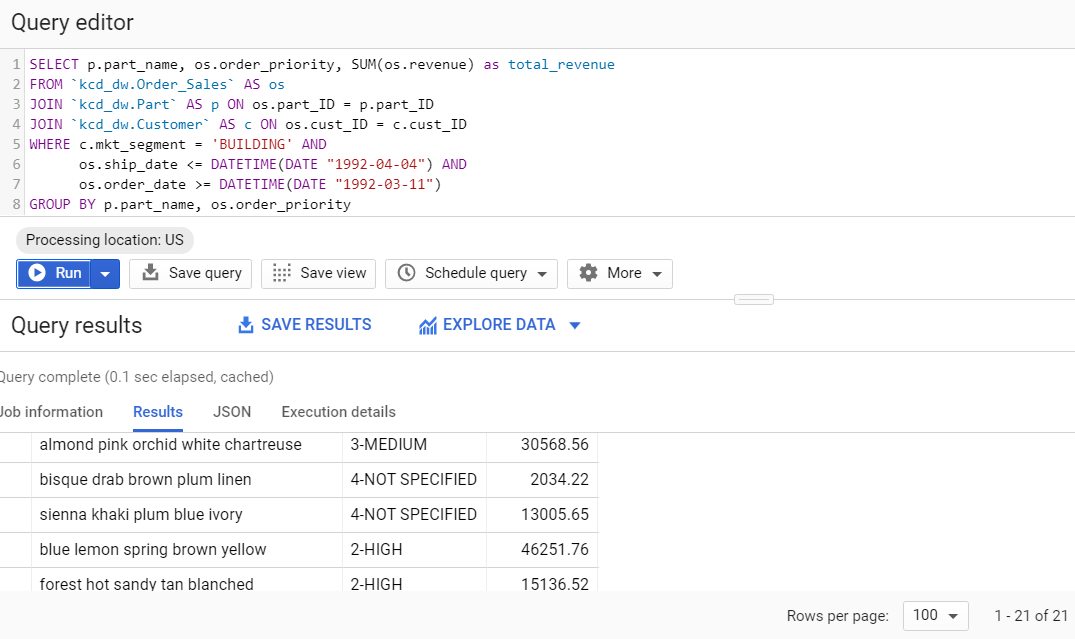


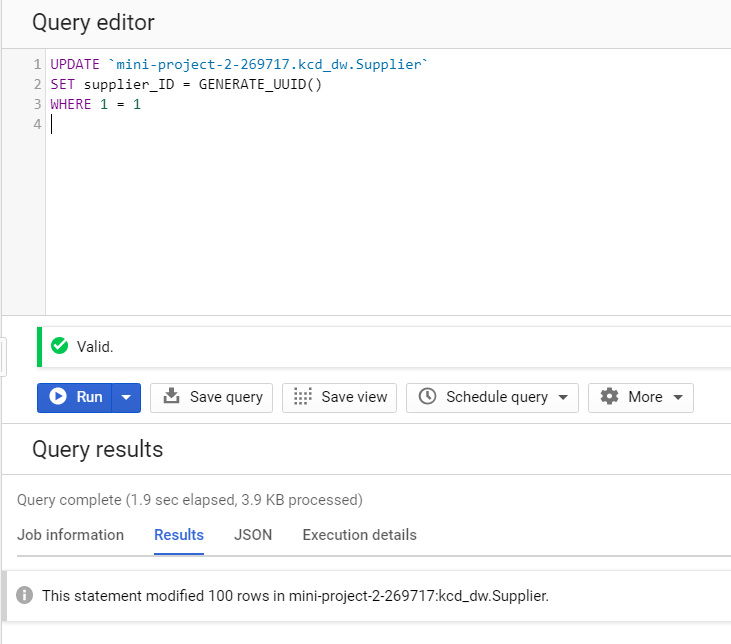
UPDATE `mini-project-2-269717.kcd\_dw.Part`

SET part\_ID = GENERATE\_UUID()

WHERE 1 = 1

**Populating Supplier Table**

****

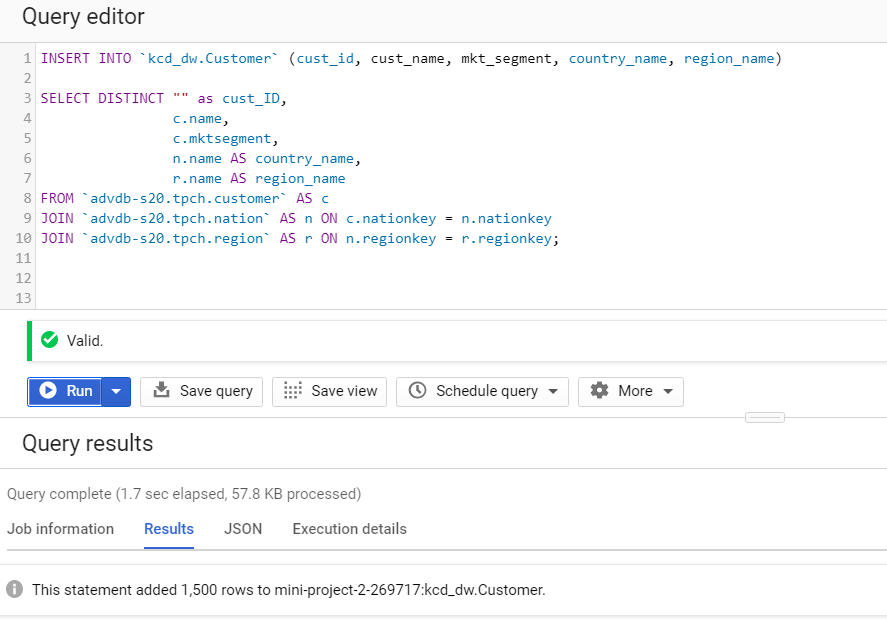


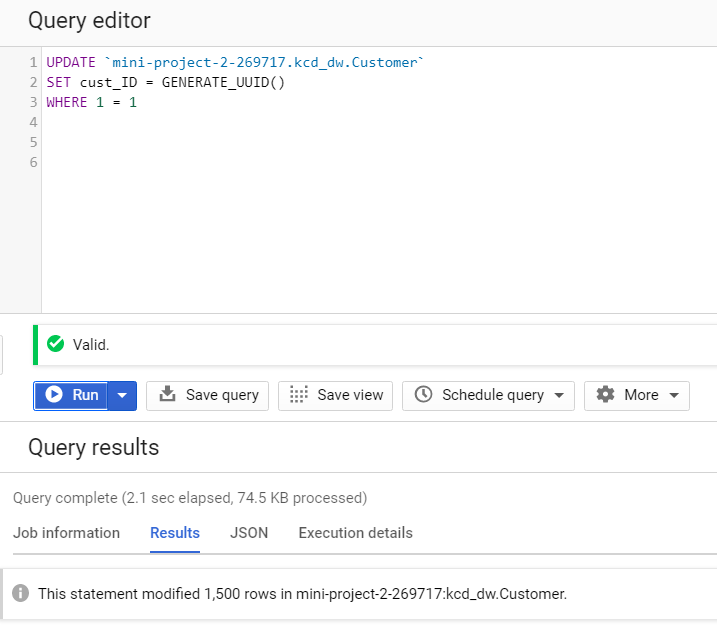
UPDATE `mini-project-2-269717.kcd\_dw.Supplier`

SET supplier\_ID = GENERATE\_UUID()

WHERE 1 = 1

**Populating Customer Table**



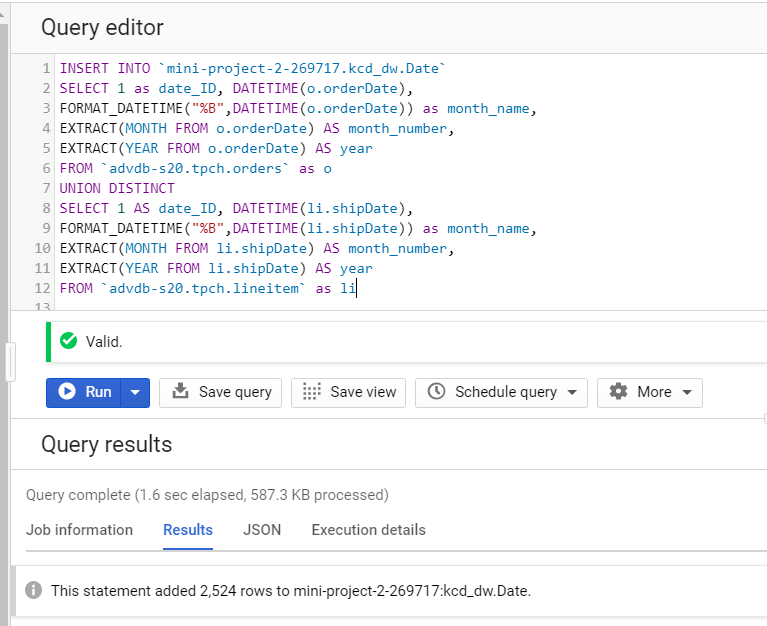


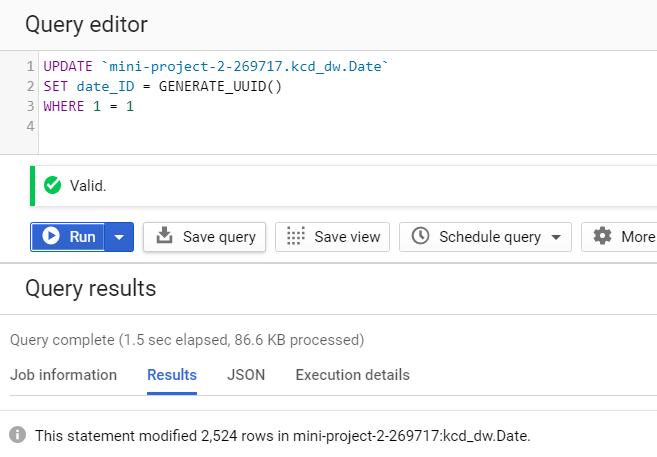
UPDATE `mini-project-2-269717.kcd\_dw.Customer`

SET cust\_ID = GENERATE\_UUID()

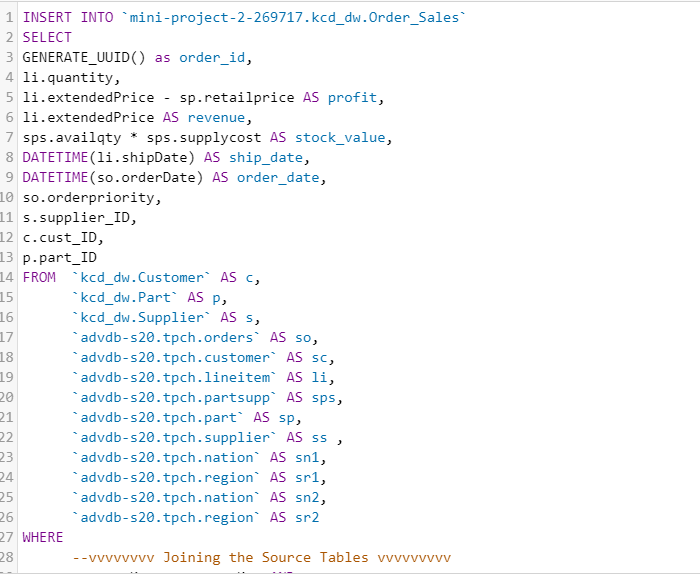
WHERE 1 = 1

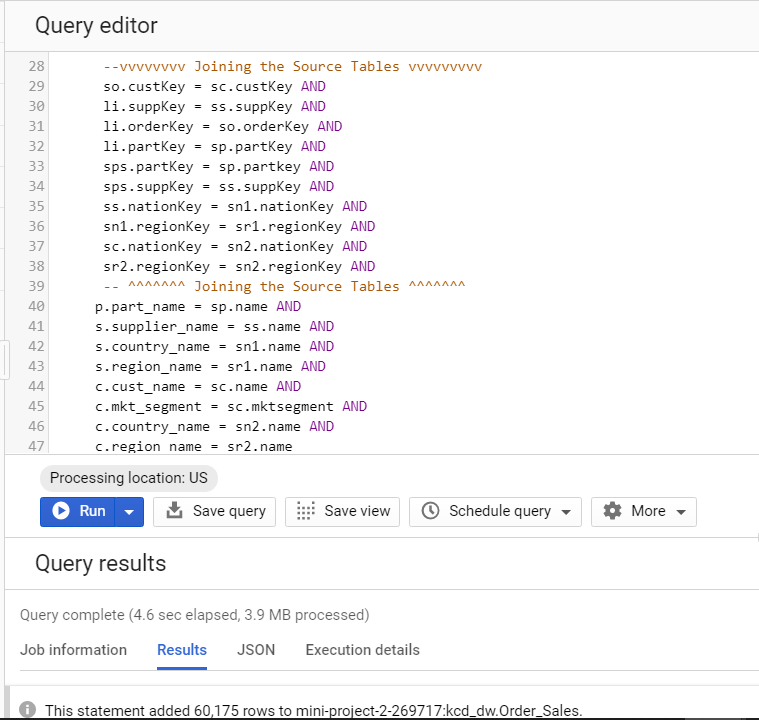
**Populating Date Table**



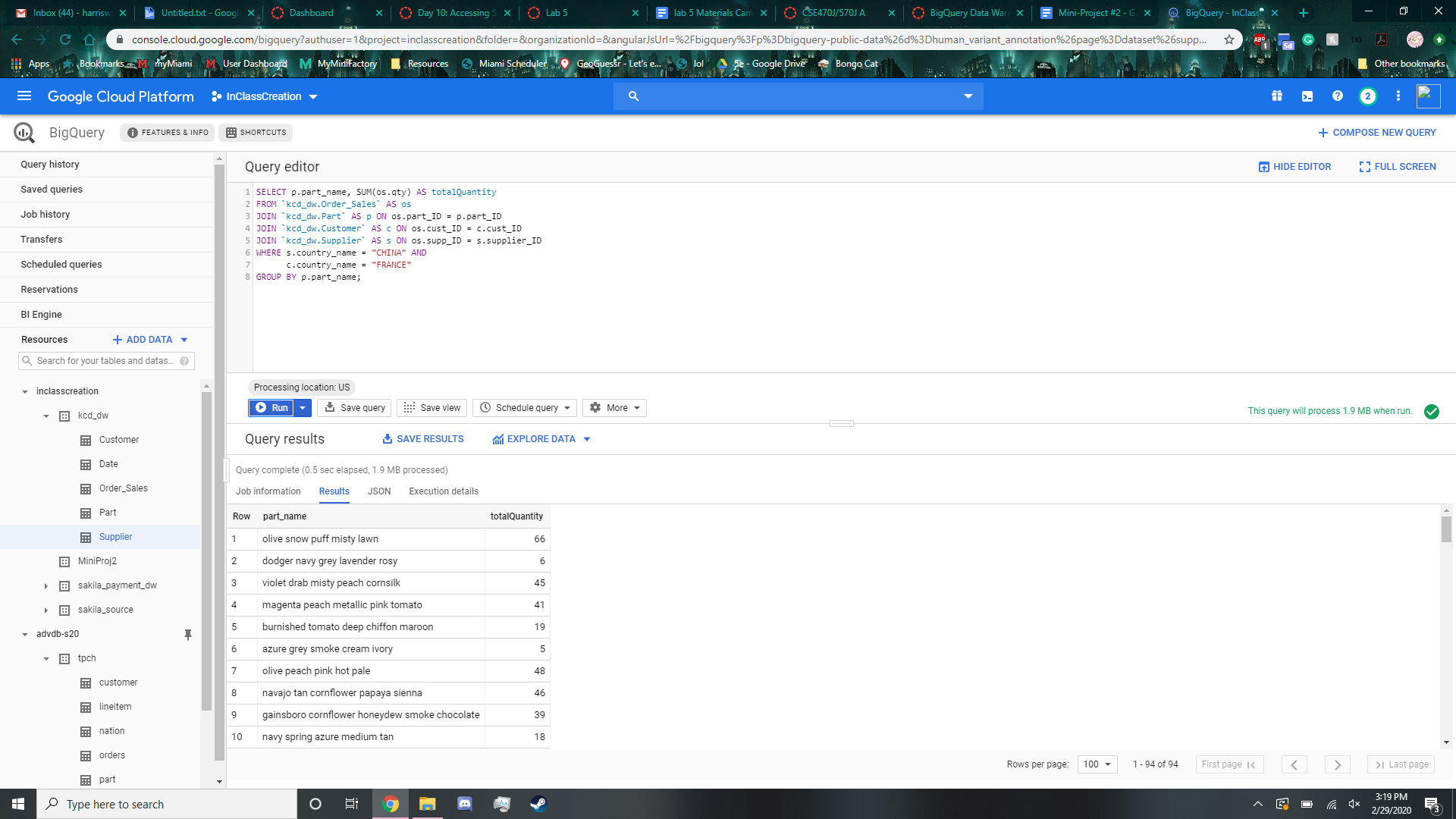


**Order Sales Table**

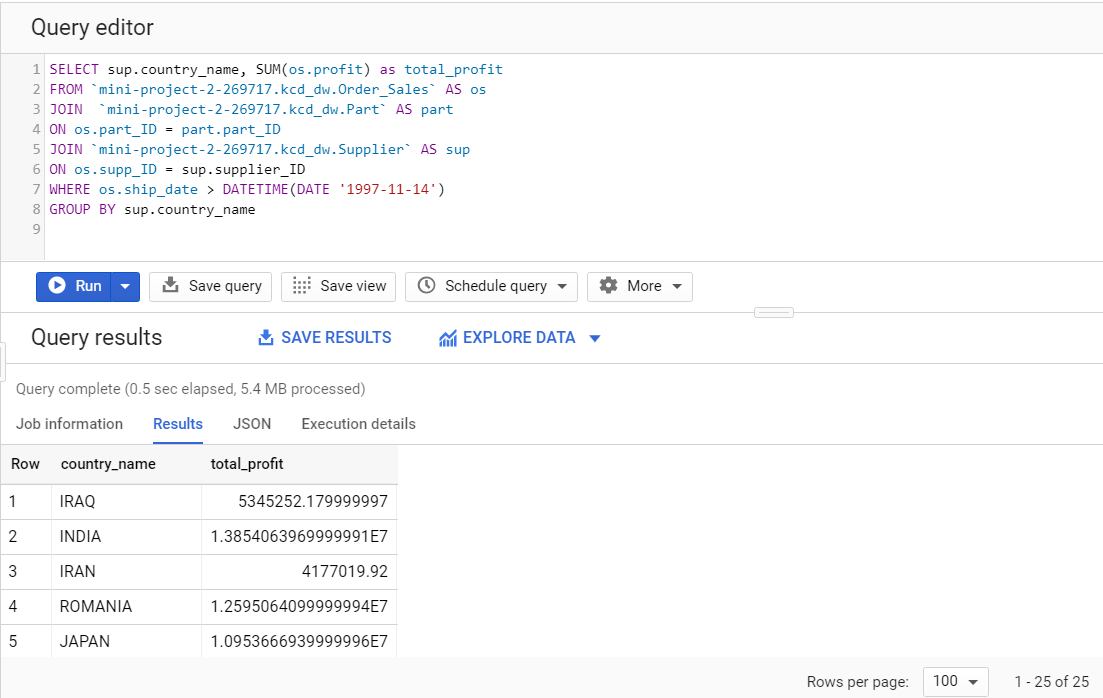




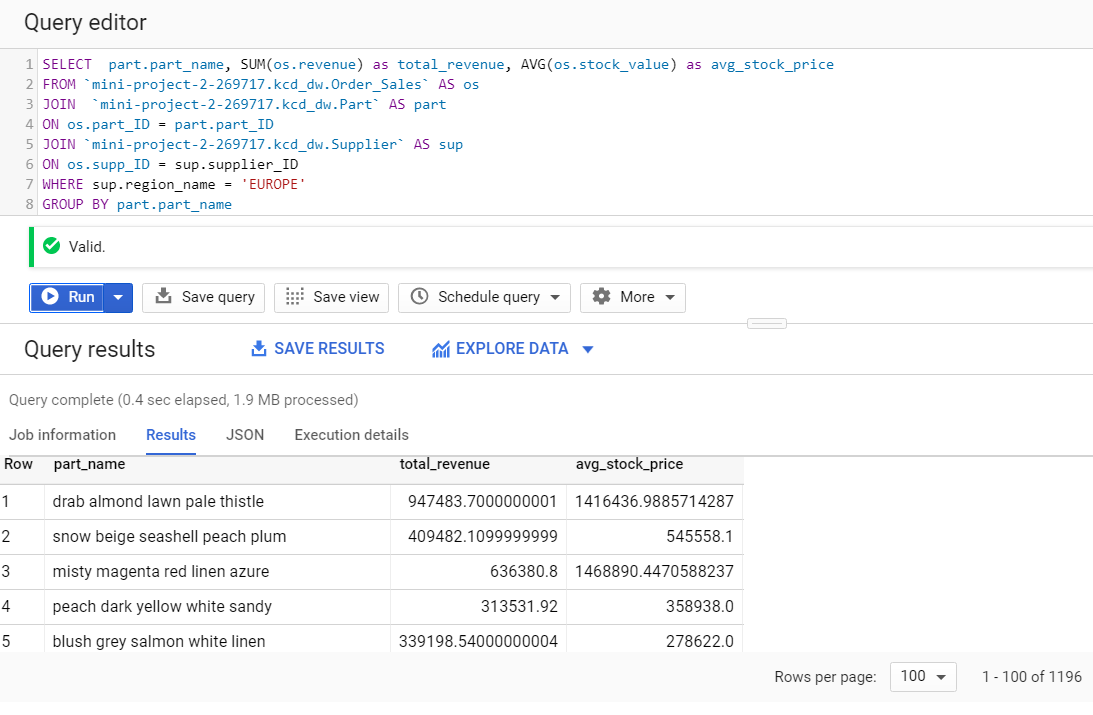
**Data Demands**

**Q1:** 

**Q2:**



**Q3:**



**Q4:**

