CSCI 5408

DATA MANAGEMENT AND WAREHOUSING

LAB - 7

Banner ID: B00984406
GitLab Assignment Link:
https://git.cs.dal.ca/jems/csci5408_s24_b00984406_jems_patel.git

Contents
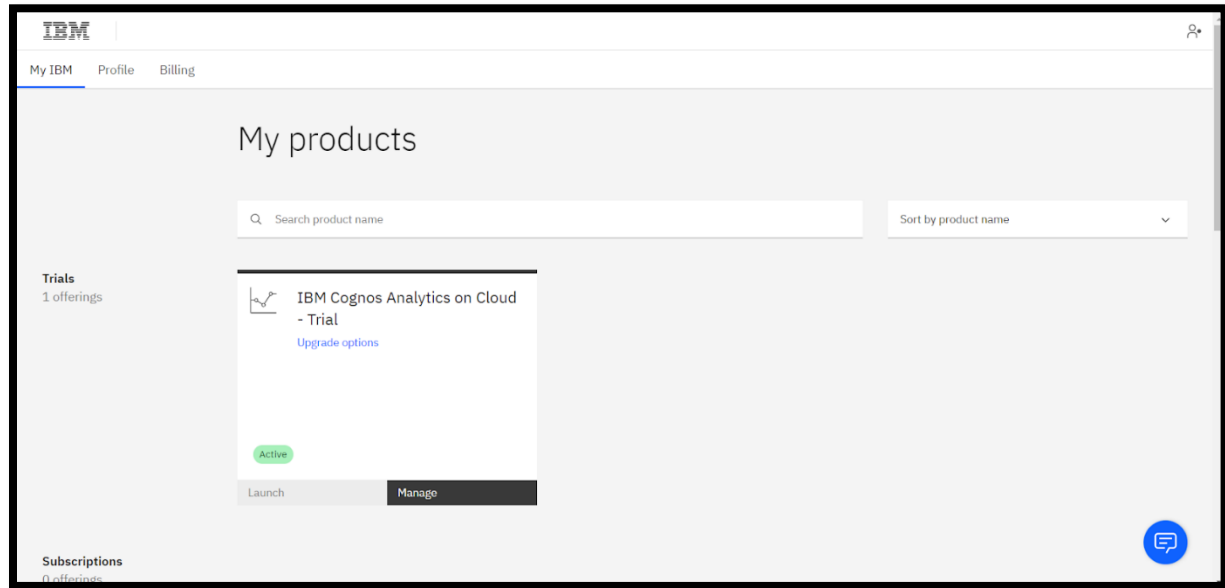
Step 1: Creating account on IBM

Figure 1.1: Create an account in the IBM

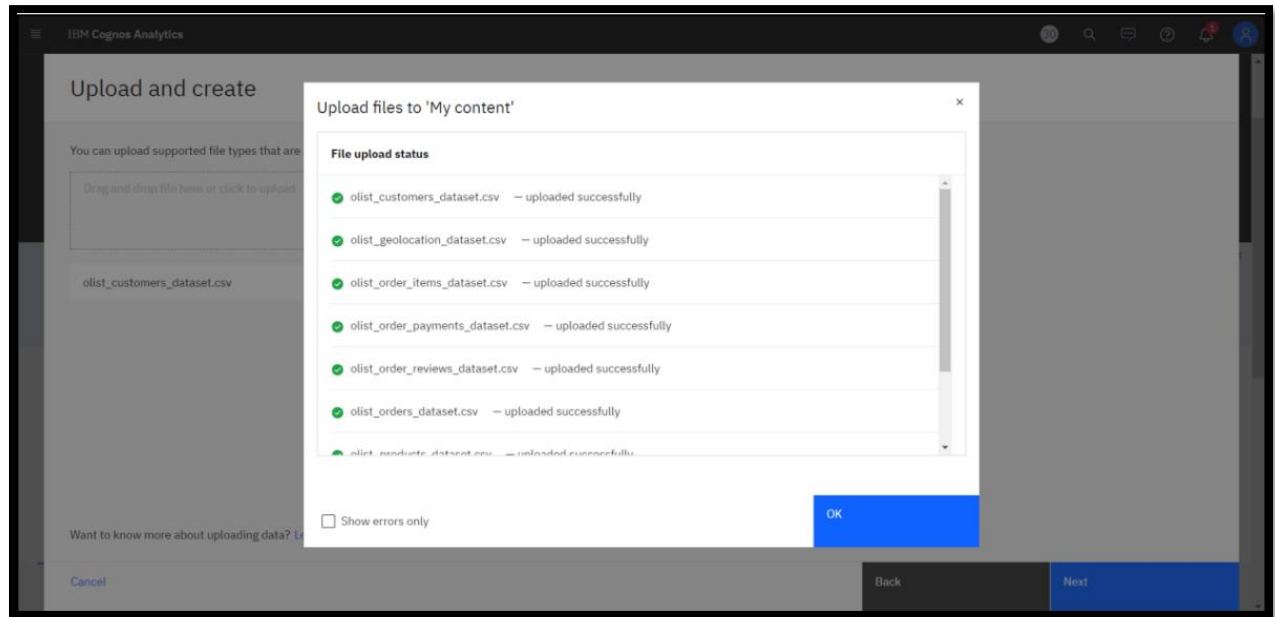# Step 2: Uploading the csv files on IBM Cognos

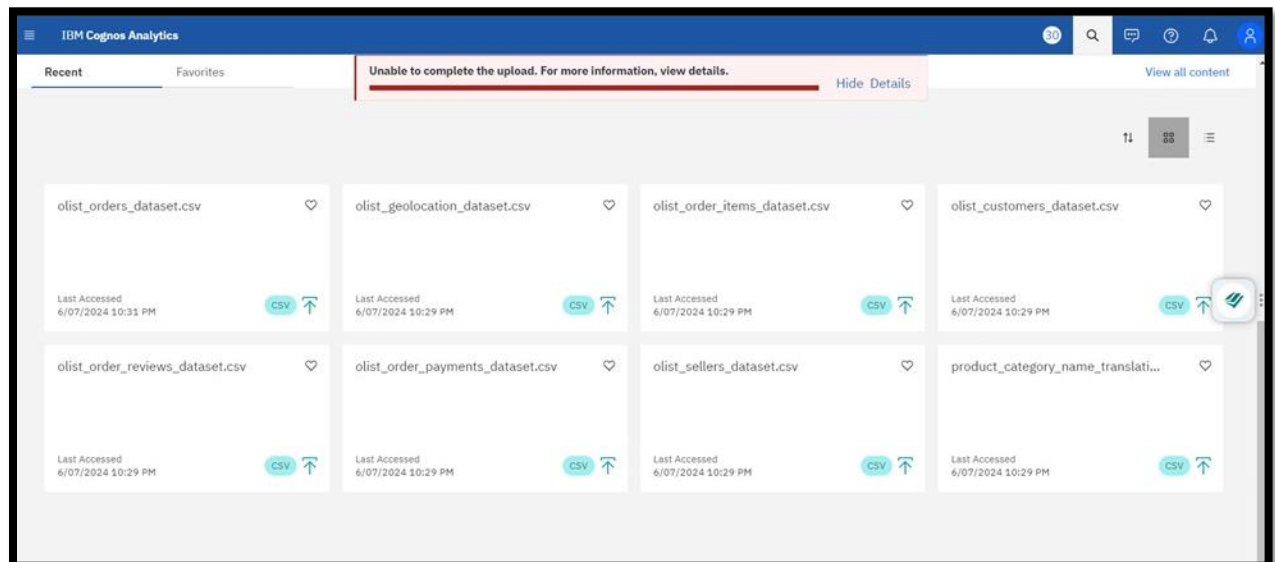*Figure 1.2: Uploading all the files that are given*

Figure 1.3: Successfully Upload all the files that are given.

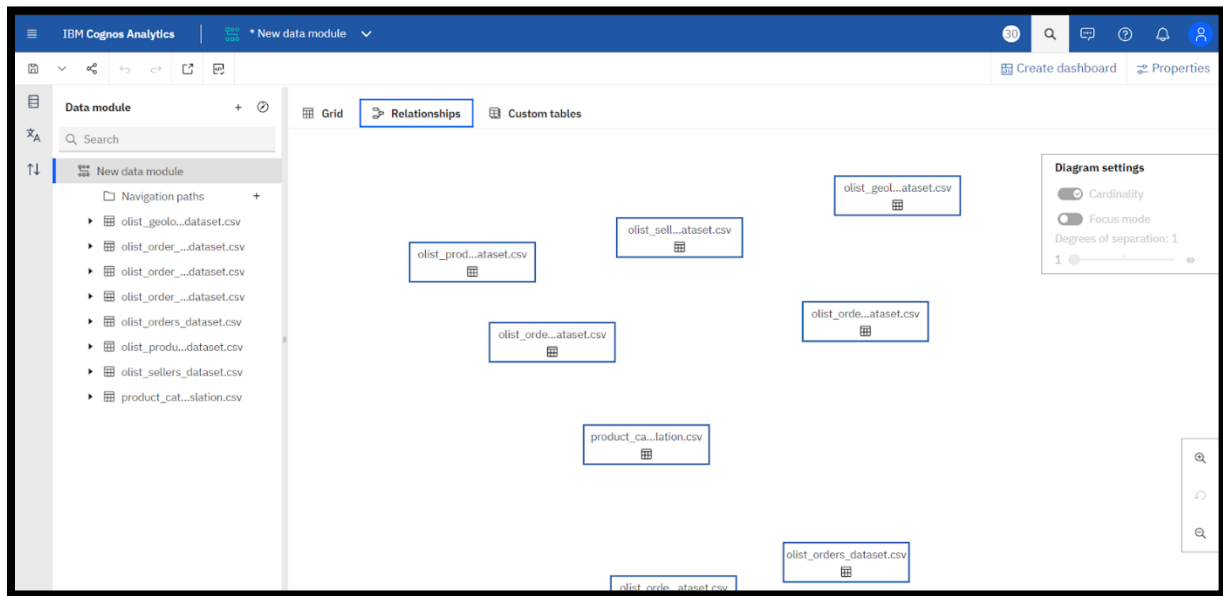# Step 3: Identifying the relationship between the tables

Figure 1.4: Creating a new data model

Creating relationship between olist_orders_dataset and oslist_order_payments_dataset tables.

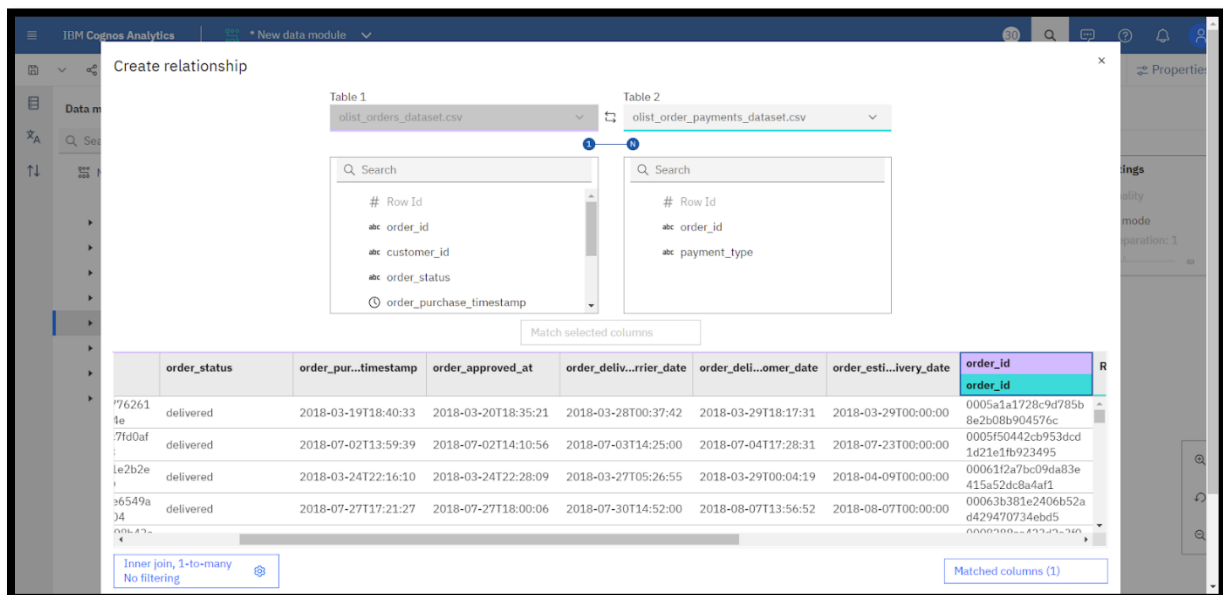*Figure 1.5: Create relationship between the orders and payments*

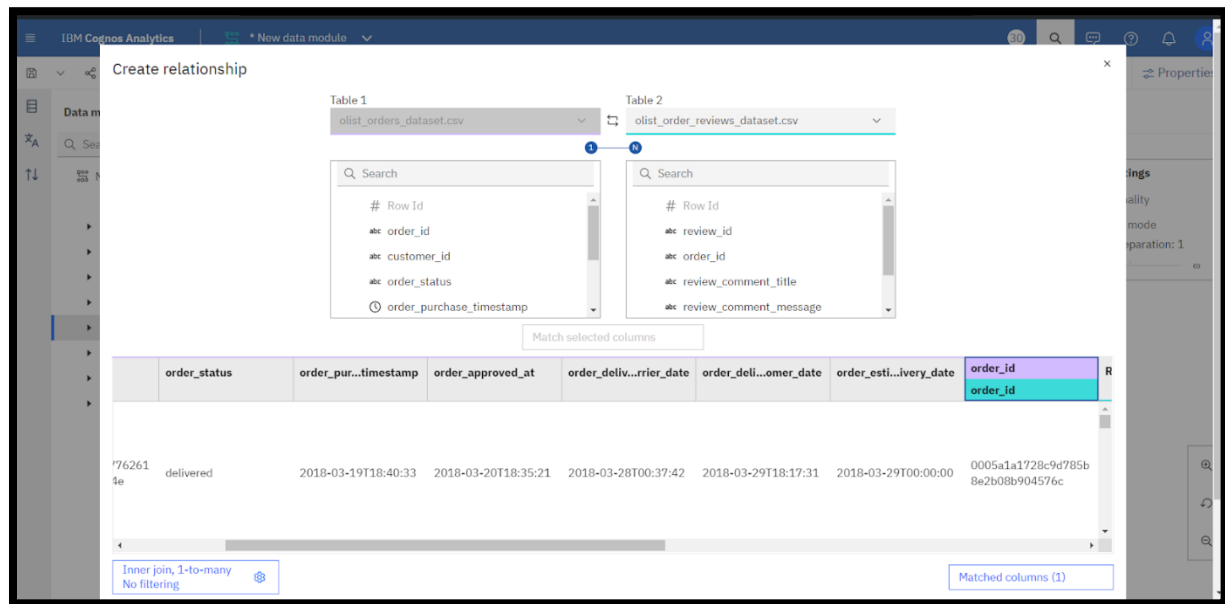Creating relationship between olist_orders_dataset and oslist_order_reviews_dataset tables.

Figure 1.6: Create relationship between the orders and reviews

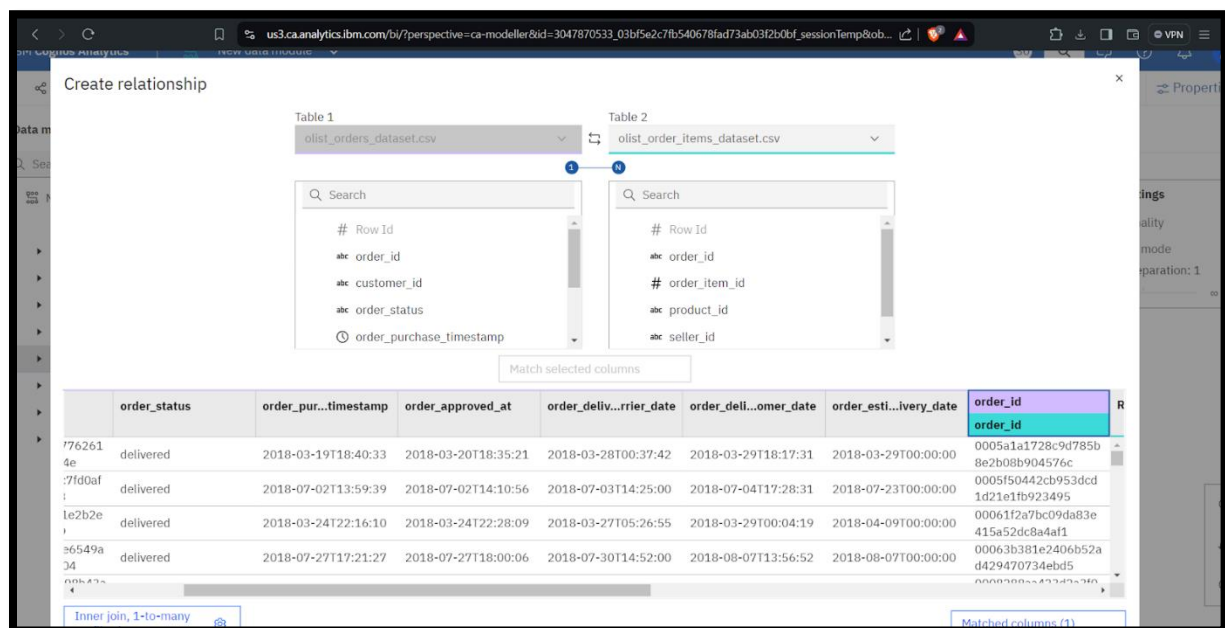Creating relationship between olist_orders_dataset and oslist_order_items_dataset tables.

Figure 1.7: Create relationship between the orders and items
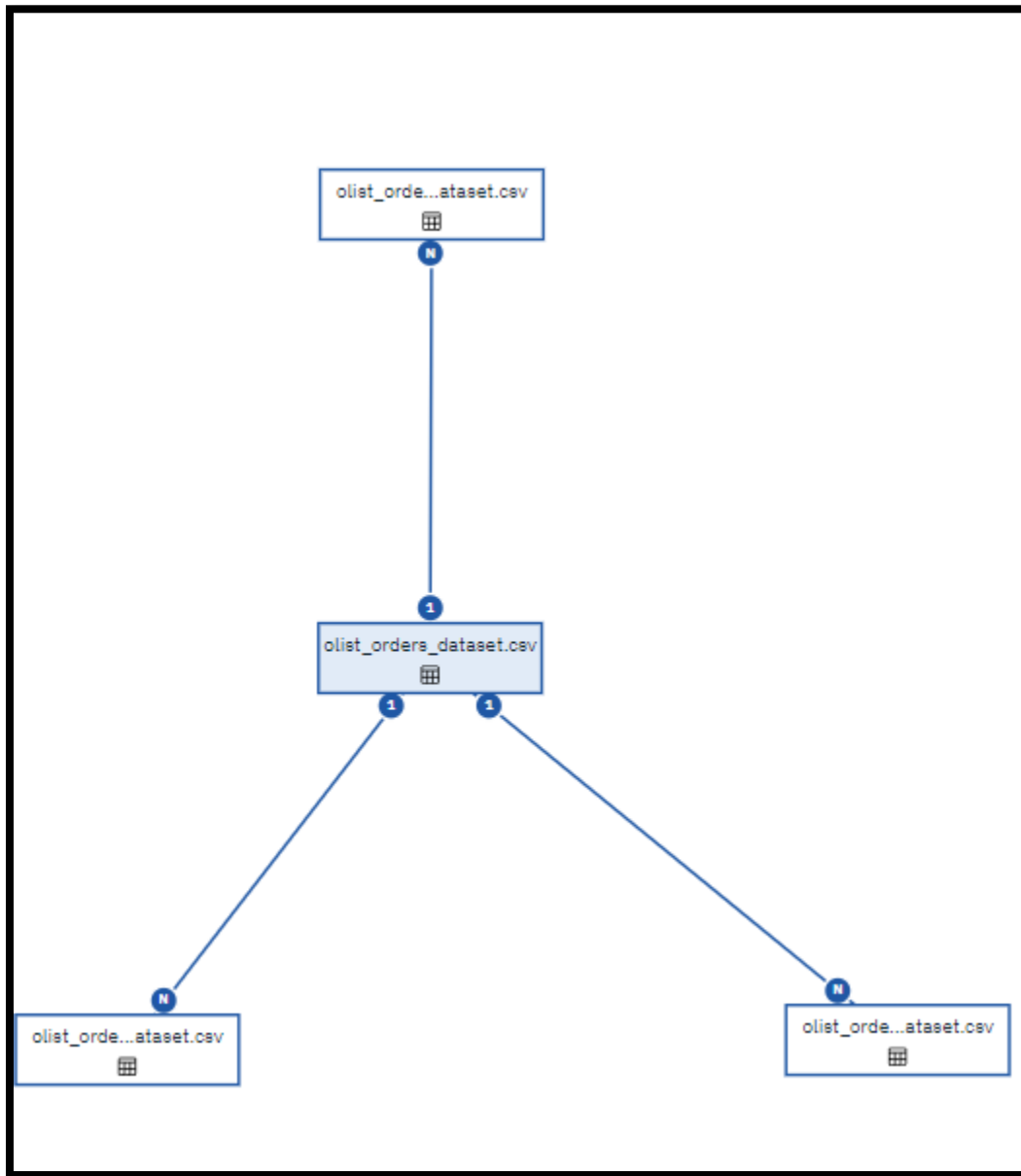
Step 4: Generate the star schema

Figure 1.8: Relationship diagram between the tables
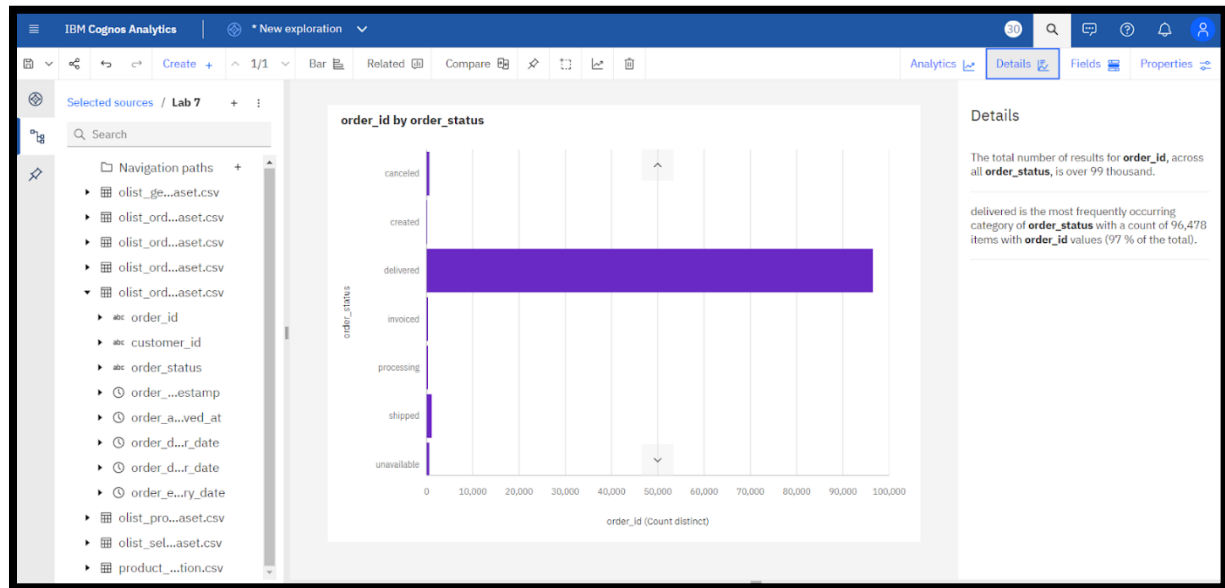
Step 5: Visulization

1. Order_id VS order_status

Figure 1.9: Bar Graph for the order_status and order_id

Name of Visualization: Bar

Fields: order_status vs order_id

Description : There are 96478 orders that have the status as the delivered which is the most frequently occurring category.
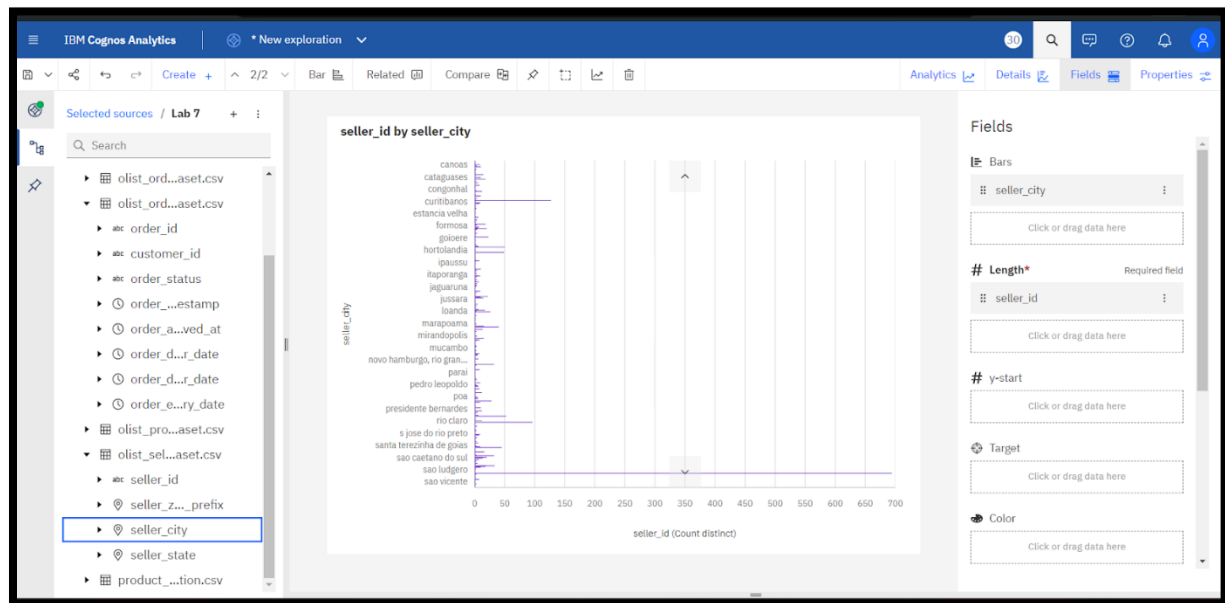
2. Seller_id VS seller_city

Figure 1.10: Bar Graph for the seller_city and seller_id

Name of Visualization: Bar

Fields: seller_city vs seller_id

Description: There are around 650 plus seller are from the sao vicente which is the most frequent in this category.