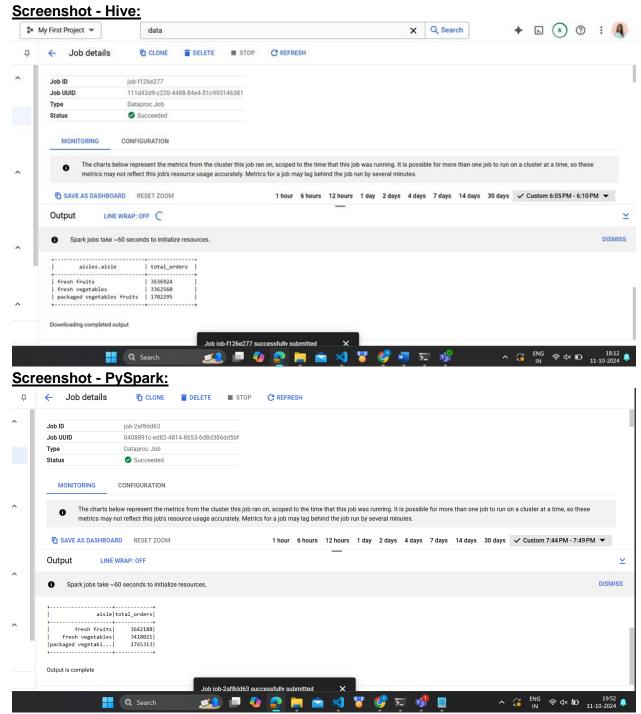
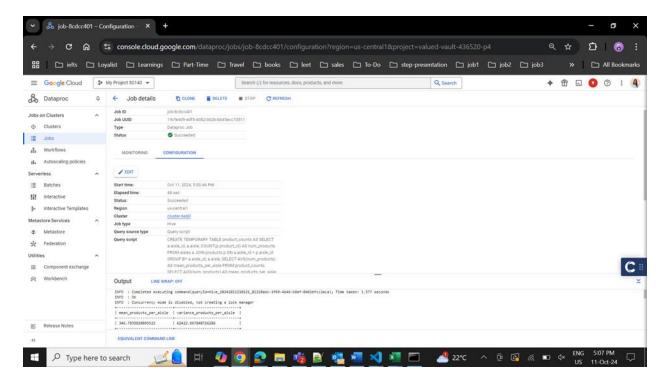
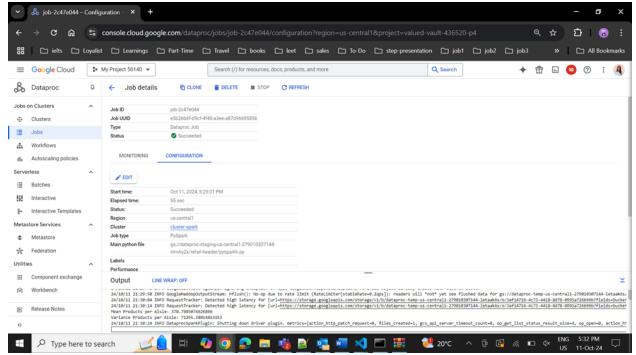
Solutions

1. Name the top 3 aisles with the most products ordered

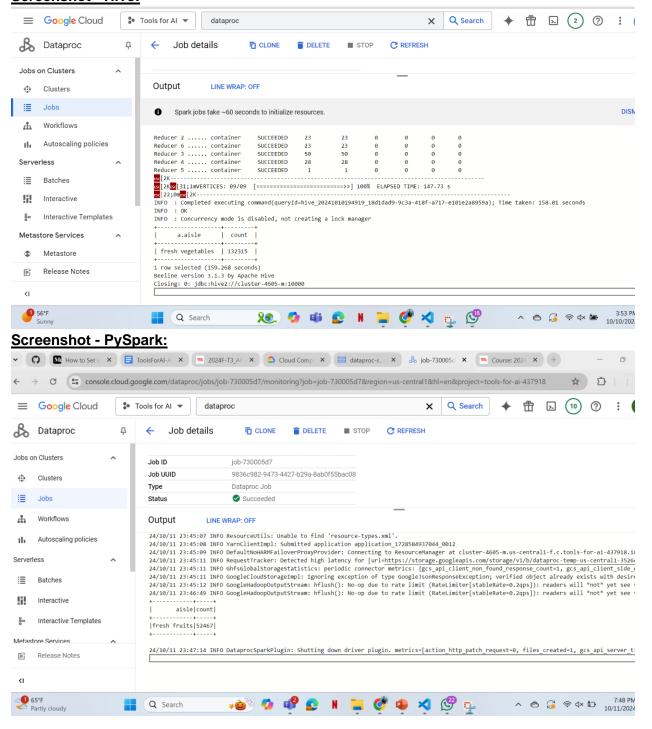


2. What is the mean and the variance of number of products in an aisle? **Screenshot - Hive:**



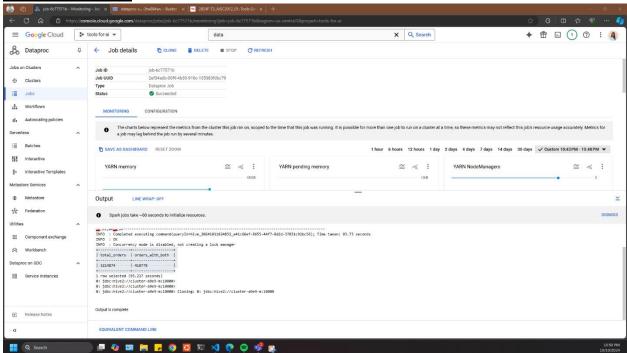


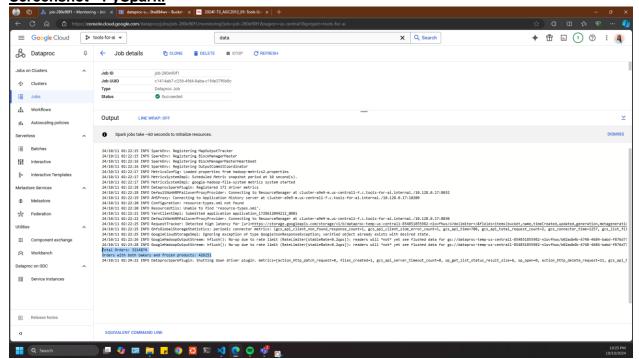
3. Which aisle products are most bought with products from the "speciality cheeses" aisle? **Screenshot - Hive:**



4. Sales department is making a recommendation that frozen products should be placed next to bakery products. Write 1-2 SQL queries to get the data that would support/oppose this recommendation.

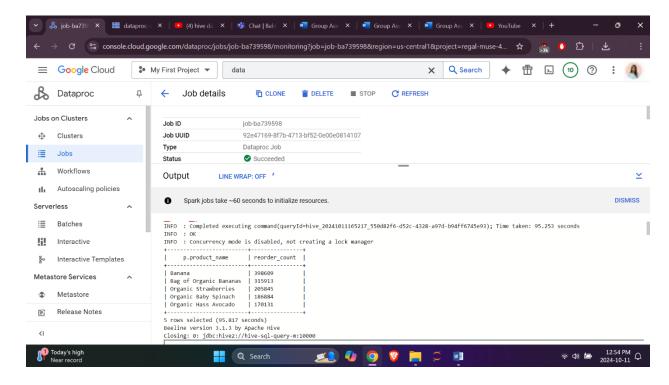
Screenshot - Hive:

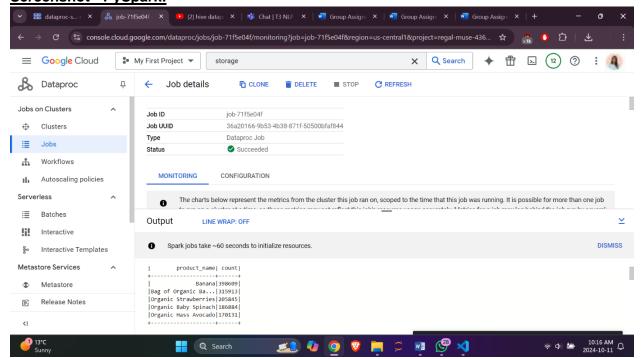




5. Name the top 5 products which are the most reordered **Ravi**

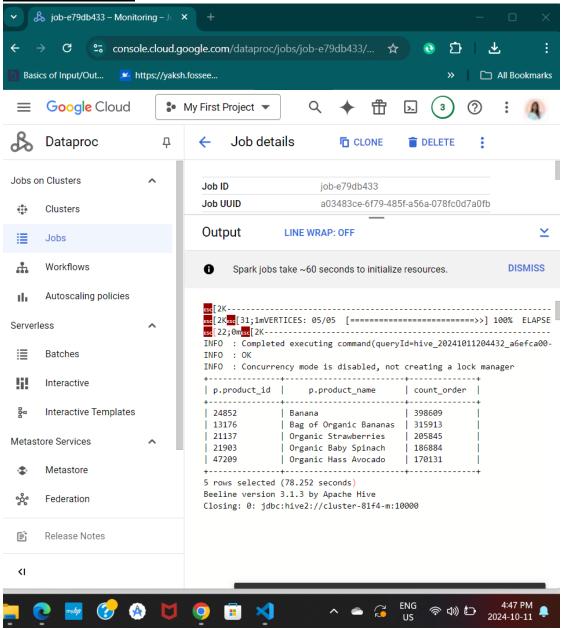
Screenshot - Hive:

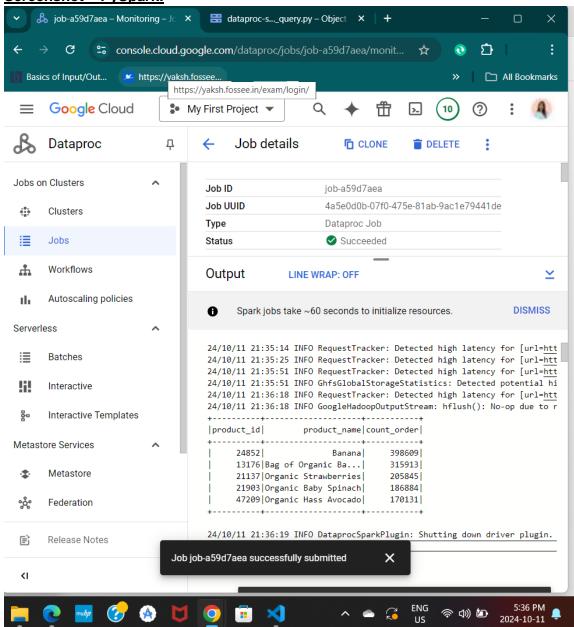




Aman Belwal

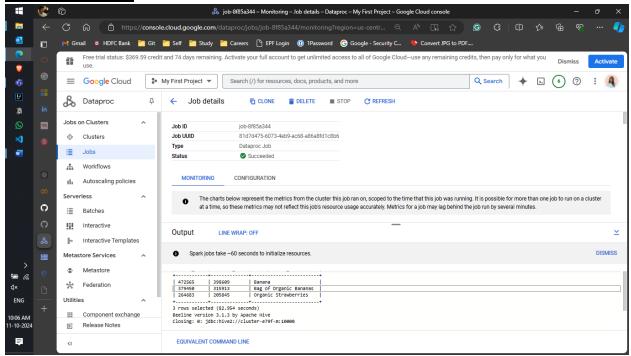
Screenshot - Hive:

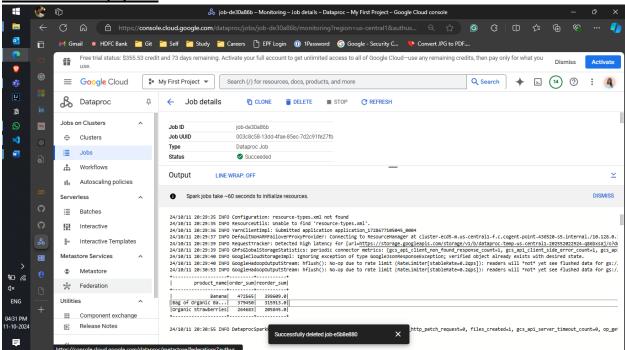




6. Which 3 products should a customer retargeting (to bring customers back) campaign offer discounts on?

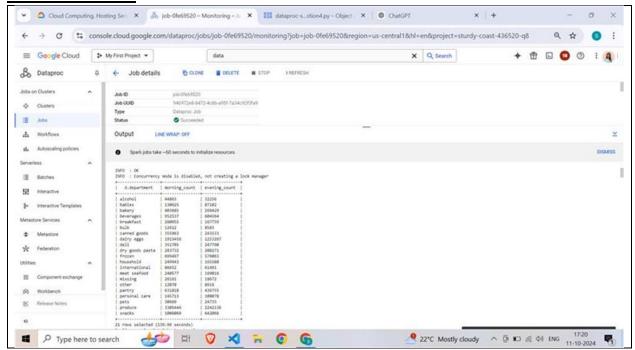
Screenshot - Hive:



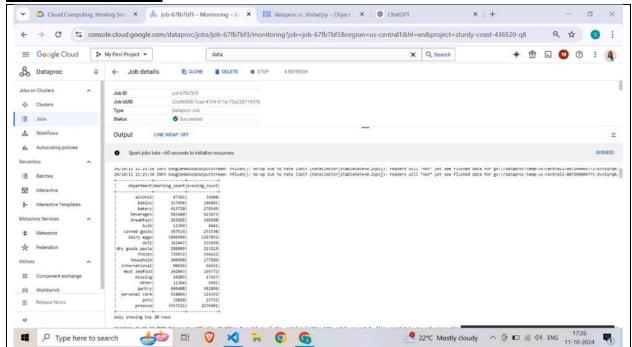


7. Do orders from different departments vary over time of the day? Are there morning and evening departments (popular in the morning and popular in the evening)?

Screenshot - Hive:



Screenshot - PySpark:



—---- Only needed for 8 ppl groups

8. What is the average number of products in an order? What is the max? **Screenshot - Hive:**

