MongoDB Case Study 1:

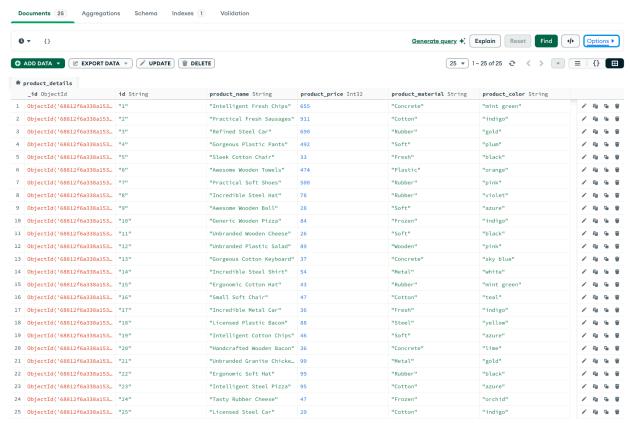
Data:

Added the data using JSON file in MongoDB Compass Application in a Collection named *product details*.

Queries:

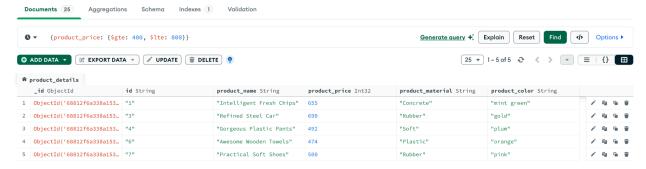
1. Find all the information about each products:

>db.product_details.find({})



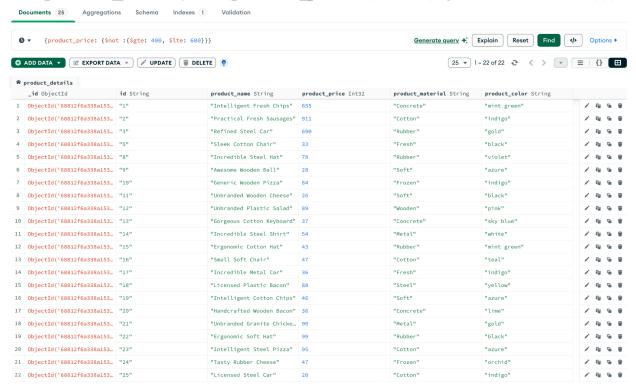
2. Find the product price which are between 400 to 800

>db.product_details.find({product_price: {\$gte: 400, \$lte: 800}})



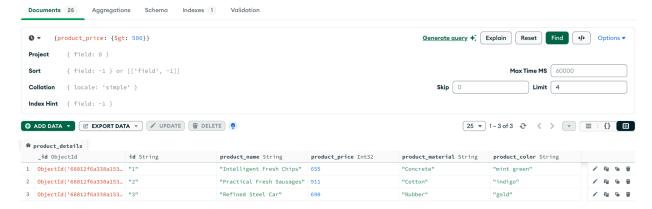
3. Find the product price which are not between 400 to 600

>db.product_details.find({product_price: {\$not: {\$gte:400, \$lte: 600}}})



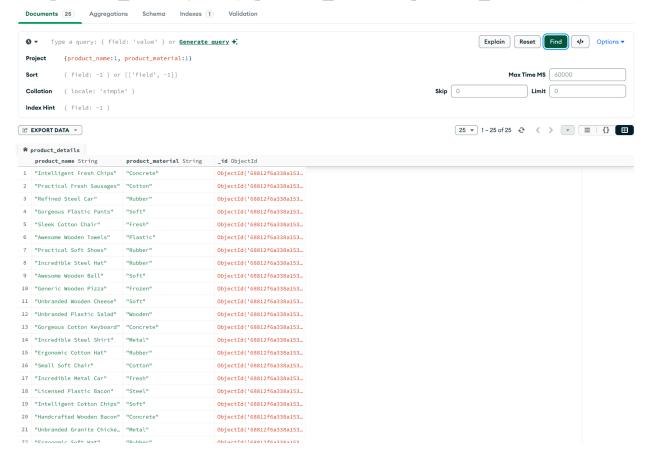
4. List the four products which are greater than 500 in price

>db.product_details.find({product_price: {\$gt: 500}}).limit(4)



5. Find the product name and product material of each products

>db.product_details.find({}{product_name: 1, product_material:1})



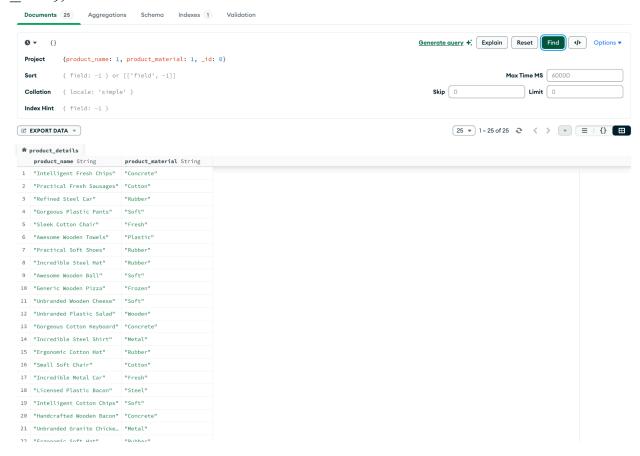
6. Find the product with a row id of 10

>db.product_details.find({id: "10"})



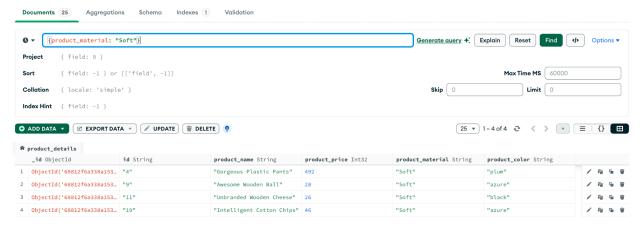
7. Find only the product name and product material

>db.product_details.find({}{product_name:1, product_material:1, id:0})



8. Find all products which contain the value of soft in product material

>db.product_details.find({product_material: "Soft"})



9. Find products which contain product color indigo and product price 492.00

>db.product_details.find({product_color: "indigo", product_price:492})

