

Find all products in the "Food" category.

ans. `db.products.find({ category:"Food" })`

Find all products with a rating of 4.7 or higher.

ans. `db.products.find({ rating: { $gte: 4.7 } })`

Find all products where the new price is less than \$5.00.

ans. `db.products.find({ new_price: { $lt: 5.00 } })`

Find all products that are available in "Blue" color.

ans. `db.products.find({ colors:"Blue" })`

Find all products in the "Electronics" category with a rating of 4.8.

ans. `db.products.find({ category:"Electronics", rating:4.8 })`

Find all products that have a quantity greater than 100.

ans. `db.products.find({ product_qty: { $gt: 100 } })`

Find all products with an old price greater than \$50.00.

ans. `db.products.find({ old_price: { $gt: 50.00 } })`

Find all products in the "Health" category.

ans. `db.products.find({ category:"Health" })`

Find all products with a "sub_category" of "Snacks".

ans. `db.products.find({ sub_category:"Snacks" })`

Find all products with a rating less than 4.5.

ans. `db.products.find({ rating: { $lt: 4.5 } })`

Find all products that are available in "Red" color.

ans. `db.products.find({ colors:"Red" })`

Find all products in the "Fruits" sub-category.

ans. `db.products.find({ sub_category:"Fruits" })`

Find all products with a "product_qty" less than 30.

ans. `db.products.find({ product_qty: { $lt: 30 } })`

Find all products where the old price is between \$50.00 and \$100.00.

ans. `db.products.find({ old_price: { $gte: 50.00, $lte: 100.00 } })`

Find all products in the "Smartphones" sub-category.

ans. db.products.find({sub_category:"Smartphones"})

Find all products with a new price greater than \$1000.00.

ans. db.products.find({new_price:{\$gt:1000.00}})

Find all products with the word "shampoo" in their description.

ans. db.products.find({description:/shampoo/})

Find all products that have a rating between 4.4 and 4.6 inclusive.

ans. db.products.find({rating:{\$gte: 4.4, \$lte: 4.6 }})

Find all products with a name containing the word "Pro".

ans. db.products.find({ name:/Pro/})

Find all products that have a "sub_category" of "Hair Care".

ans. db.products.find({sub_category:"Hair Care"})

Find all products in the "Dairy" sub-category.

ans. db.products.find({sub_category:"Dairy"})

Find all products where the new price is exactly \$1.00.

ans. db.products.find({new_price:{\$eq: 1.00 }})

Find all products with a "sub_category" of "Oral Care".

ans. db.products.find({sub_category:"Oral Care"})

Find all products with a rating of 4.9.

ans. db.products.find({rating:4.9})

Find all products that are available in both "Black" and "Silver" colors.

ans. db.products.find({colors:["Black","Silver"]})

Find all products in the "Beverages" sub-category.

db.products.find({sub_category:"Bevarages"})

Find all products that have more than 3 colors available.

ans. db.products.find({colors:{\$gt:3}})

Find all products with a name starting with the letter "L".

ans. db.products.find({name:"/^L/})