

>_MONGOSH

> db.products.find()

```
< {
  _id: ObjectId('65f42e035f4ca7f2ca21626d'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('65f42e035f4ca7f2ca21626e'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('65f42e035f4ca7f2ca21626f'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
```

```
> MONGODB
> db.products.find({product_price:{$gte:400,$lte:800}})
< {
  _id: ObjectId('65f42e035f4ca7f2ca21626d'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('65f42e035f4ca7f2ca21626f'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
{
  _id: ObjectId('65f42e035f4ca7f2ca216270'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 402,
  product_material: 'Soft',
  product_color: 'glum'
}
{
  _id: ObjectId('65f42e035f4ca7f2ca216272'),
  id: '6',
  product_name: 'Awesome Wooden Towels',
  product_price: 474,
  product_material: 'Plastic',
  product_color: 'orange'
}
{
  _id: ObjectId('65f42e035f4ca7f2ca216273'),
  id: '7',
  product_name: 'Practical Soft Shoes',
  product_price: 500,
  product_material: 'Rubber',
  product_color: 'pink'
}
Atlas atlas-10f8ke-shard-0 [primary] product>
```

```
> db.products.find([ { product_price: { $not: { $gte: 400, $lte: 600 } } } ] )
```

```
< {  
  _id: ObjectId('65f466ca160f98ad830a5ce4'),  
  id: '1',  
  product_name: 'Intelligent Fresh Chips',  
  product_price: 655,  
  product_material: 'Concrete',  
  product_color: 'mint green'  
}  
{  
  _id: ObjectId('65f466ca160f98ad830a5ce5'),  
  id: '2',  
  product_name: 'Practical Fresh Sausages',  
  product_price: 911,  
  product_material: 'Cotton',  
  product_color: 'indigo'  
}  
{  
  _id: ObjectId('65f466ca160f98ad830a5ce6'),  
  id: '3',  
  product_name: 'Refined Steel Car',  
  product_price: 690,  
  product_material: 'Rubber',  
  product_color: 'gold'  
}  
{  
  _id: ObjectId('65f466ca160f98ad830a5ce8'),  
  id: '5',
```

```
> db.products.find({product_price:{$gte:500}}).limit(4)
< {
  _id: ObjectId('65f42e835f4ca7f2ca21626d'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('65f42e835f4ca7f2ca21626e'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 611,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('65f42e835f4ca7f2ca21626f'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
{
  _id: ObjectId('65f42e835f4ca7f2ca216273'),
  id: '4',
  product_name: 'Practical Soft Shoes',
  product_price: 500,
  product_material: 'Rubber',
  product_color: 'pink'
}
Atlas atlas-18f8ke-shard-8 [primary] product>
```

• MONGODB

```
> db.products.find({}, {'_id': 0, product_name: 1, product_material: 1})
```

```
< {  
  product_name: 'Intelligent Fresh Chips',  
  product_material: 'Concrete'  
}  
{  
  product_name: 'Practical Fresh Sausages',  
  product_material: 'Cotton'  
}  
{  
  product_name: 'Refined Steel Car',  
  product_material: 'Rubber'  
}  
{  
  product_name: 'Gorgeous Plastic Pants',  
  product_material: 'Soft'  
}  
{  
  product_name: 'Sleek Cotton Chair',  
  product_material: 'Fresh'  
}  
{  
  product_name: 'Awesome Wooden Towels',  
  product_material: 'Plastic'  
}  
{  
  product_name: 'Practical Soft Shoes',  
  product_material: 'Rubber'  
}  
{  
  product_name: 'Incredible Steel Hat',  
  product_material: 'Rubber'  
}  
{  
  product_name: 'Awesome Wooden Ball',  
  product_material: 'Soft'  
}  
{  
  product_name: 'Generic Wooden Pizza',  
  product_material: 'Frozen'  
}
```

```
> db.products.find({'id':'10'})
< {
  _id: ObjectId('65f42e035f4ca7f2ca216276'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
```

Atlas atlas-10f8ke-shard-0 [primary] product> |

```
> MONGOSH
> db.products.find({ product_material: /.+soft.+/i })
< {
```

```
  _id: ObjectId('65f42e035f4ca7f2ca216270'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
```

```
{
  _id: ObjectId('65f42e035f4ca7f2ca216275'),
  id: '9',
  product_name: 'Awesome Wooden Ball',
  product_price: 28,
  product_material: 'Soft',
  product_color: 'azure'
}
```

```
{
  _id: ObjectId('65f42e035f4ca7f2ca216277'),
  id: '11',
  product_name: 'Unbranded Wooden Cheese',
  product_price: 26,
  product_material: 'Soft',
  product_color: 'black'
}
```

```
{
  _id: ObjectId('65f42e035f4ca7f2ca21627f'),
  id: '19',
  product_name: 'Intelligent Cotton Chips',
  product_price: 46,
  product_material: 'Soft',
  product_color: 'azure'
}
```

```
Atlas atlas-10f8ske-shard-0 [primary] product>
```

```
Atlas atlas-10f8ba-shard-0 [primary] product>
> db.products.find([{$or: [{product_color: /.+indigo+/}], {product_price: 492.00 }}])
{
  "_id": ObjectId("65f42e835f4ca7f2ca21628e7"),
  "id": "2",
  "product_name": "Practical Fresh Sausages",
  "product_price": 911,
  "product_material": "Cotton",
  "product_color": "indigo"
}
{
  "_id": ObjectId("65f42e835f4ca7f2ca2162767"),
  "id": "4",
  "product_name": "Gorgeous Plastic Pants",
  "product_price": 492,
  "product_material": "Soft",
  "product_color": "plum"
}
{
  "_id": ObjectId("65f42e835f4ca7f2ca2162767"),
  "id": "10",
  "product_name": "Generic Wooden Pizza",
  "product_price": 84,
  "product_material": "Frozen",
  "product_color": "indigo"
}
{
  "_id": ObjectId("65f42e835f4ca7f2ca2162767"),
  "id": "22",
  "product_name": "Incredible Metal Car",
  "product_price": 26,
  "product_material": "Fresh",
  "product_color": "indigo"
}
{
  "_id": ObjectId("65f42e835f4ca7f2ca2162855"),
  "id": "23",
  "product_name": "Licensed Steel Car",
  "product_price": 29,
  "product_material": "Cotton",
  "product_color": "indigo"
}
}
Atlas atlas-10f8ba-shard-0 [primary] product>
```



```
> db.products
.aggregate([
  { $group: { _id: '$product_price', count: { $sum: 1 } } },
  { $match: { count: { $gt: 1 } } }
])
.map((d) => {
  db.products.deleteMany({ product_price: d._id });
});
< null
null
> db.products
.aggregate([
  { $group: { _id: '$product_price', count: { $sum: 1 } } }
])
< [
  {
    _id: 29,
    count: 1
  },
  {
    _id: 26,
    count: 1
  },
  {
    _id: 655,
    count: 1
  },
  {
    _id: 88,
    count: 1
  },
  {
    _id: 43,
    count: 1
  }
]
```