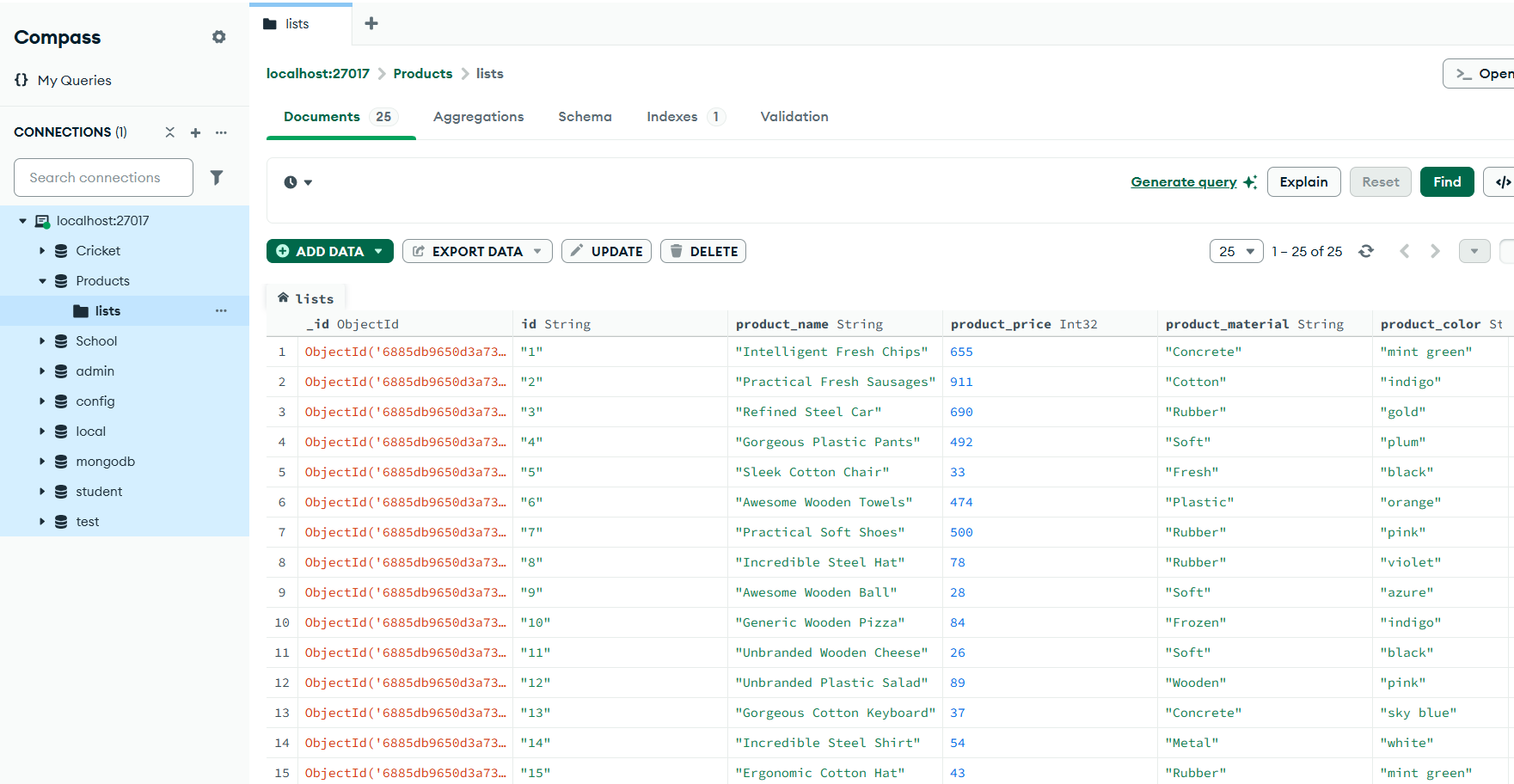
**Case Study – MongoDB**

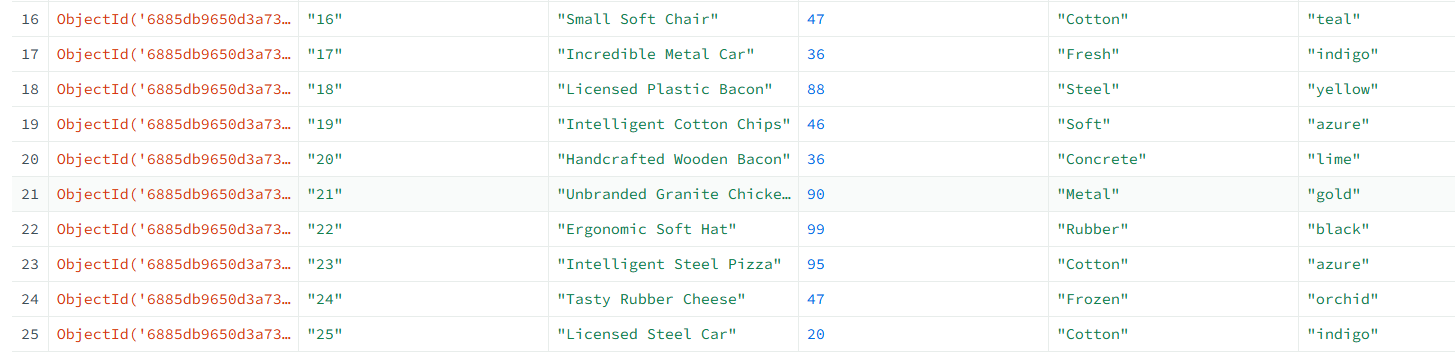
**Database:** Products

**Collection**: lists

1. **Find all the information about each products:**

* **{ } 🡪** It shows all the documents which contains the product information

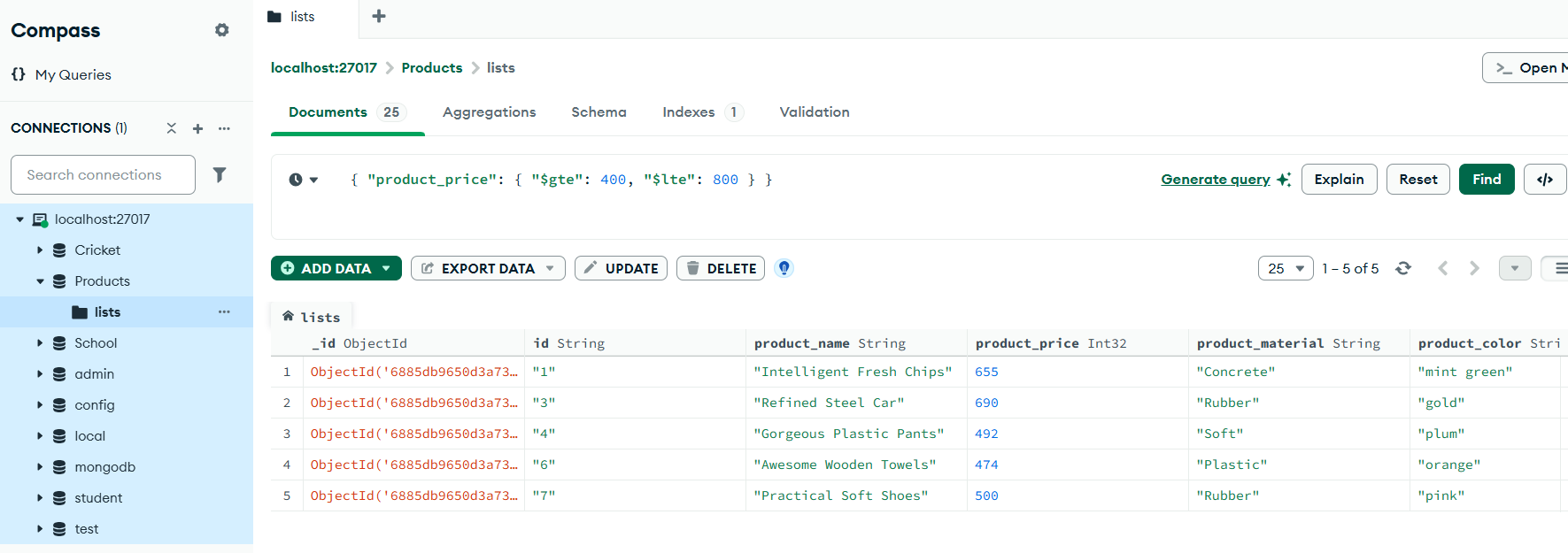




1. **Find the product price which are between 400 to 800**

**{ "product\_price": { "$gte": 400, "$lte": 800 } }**

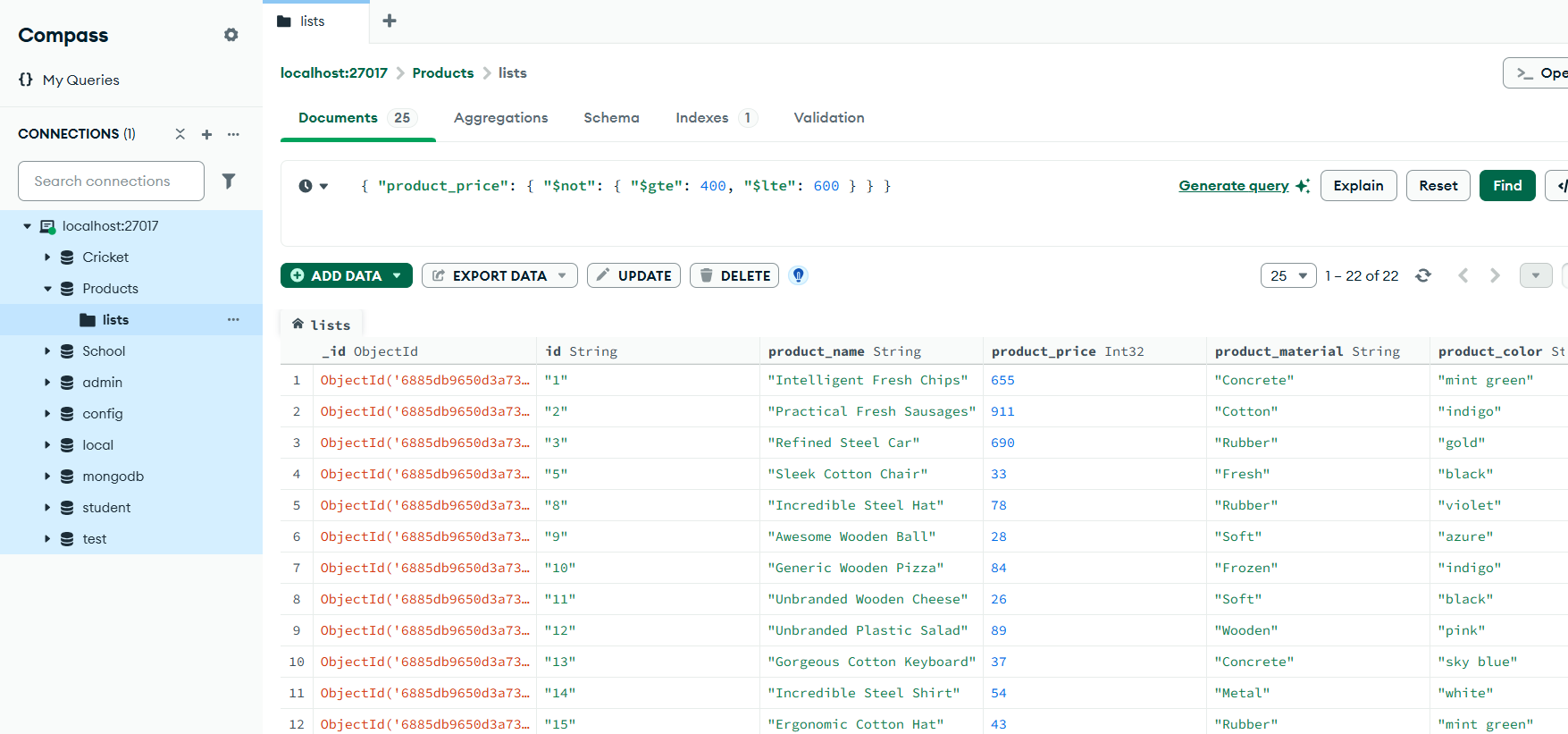
* It shows the products where product\_price is greater than/equal to 400 and less than /equal to 800.



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

**{ "product\_price": { "$not": { "$gte": 400, "$lte": 600 } } }**

* It shows the products where  product\_price is less than 400 OR greater than 600.

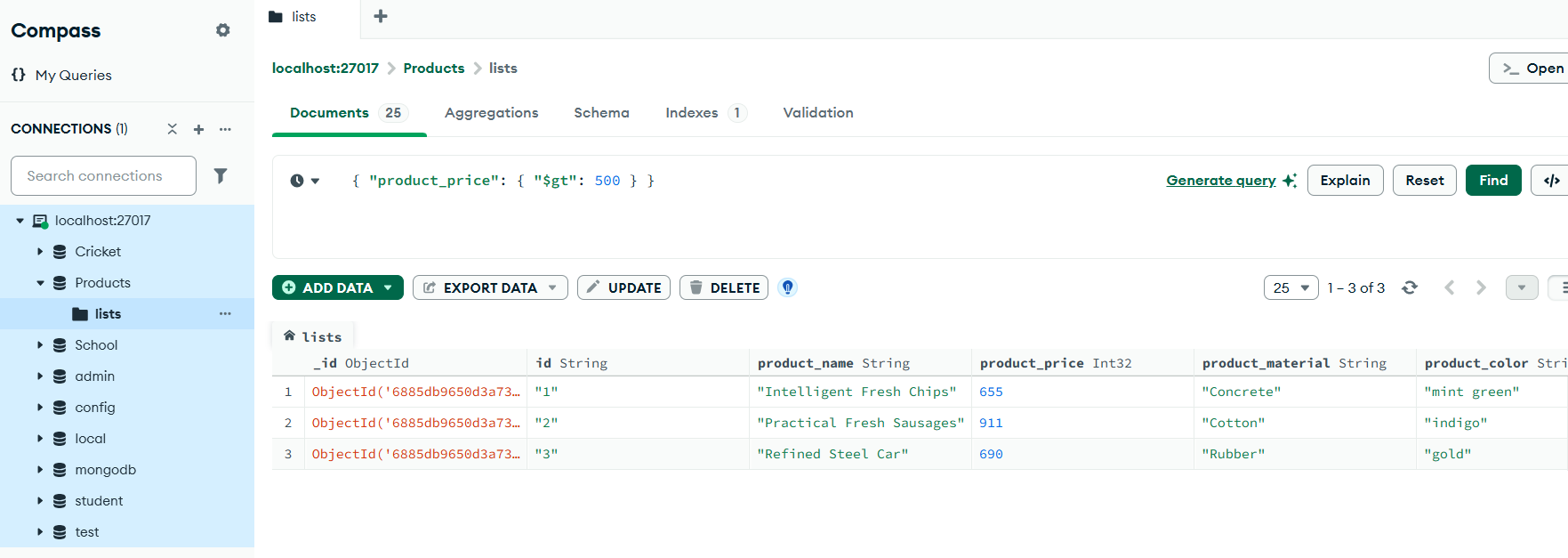




1. **List the four product which are greater than 500 in price**

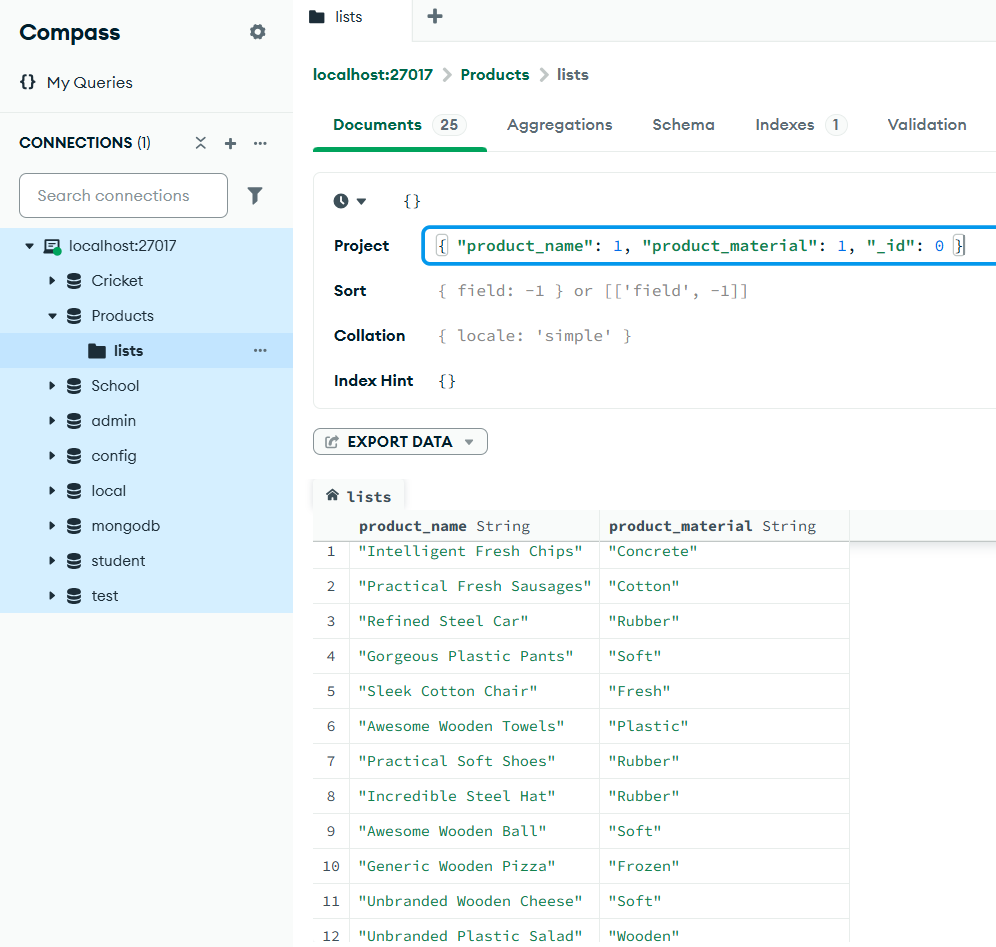
**{ "product\_price": { "$gt": 500 } }**

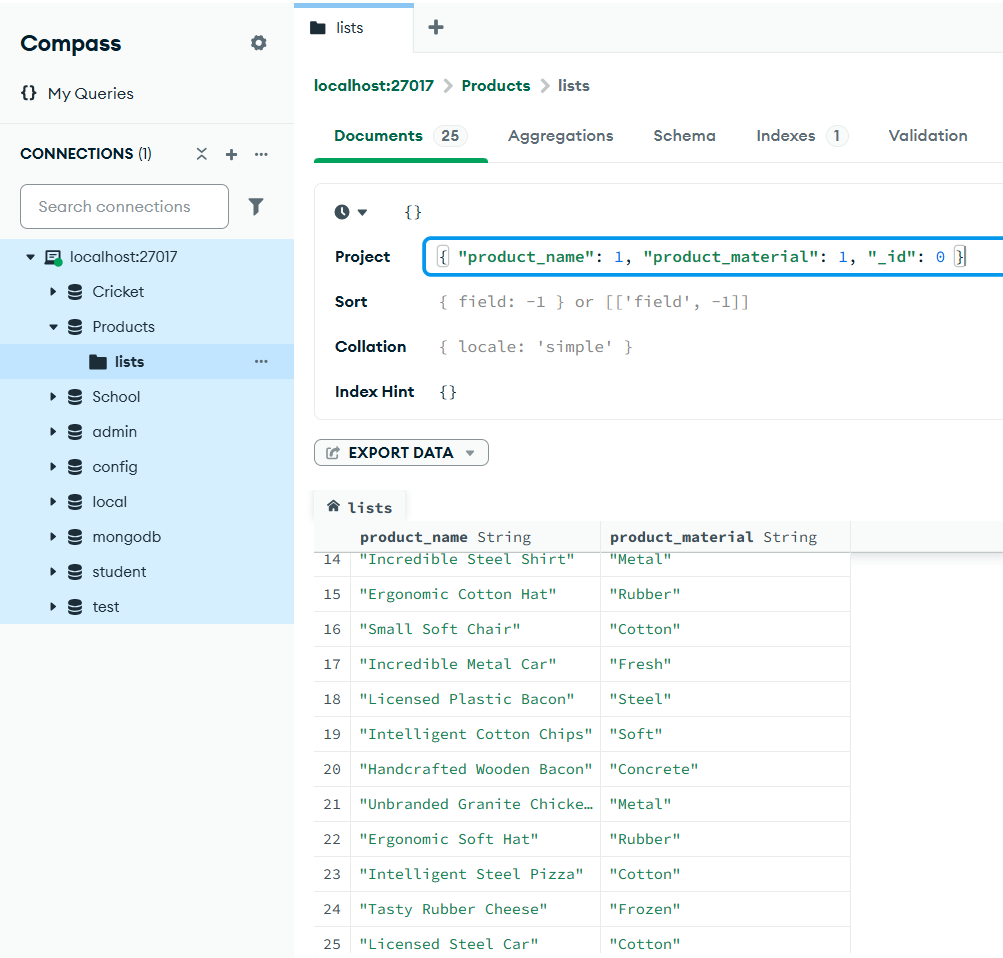
* It will show the products which are greater than 500 in price

****

1. **Find the product name and product material of each products**

* In Project field type this query,
* **{ "product\_name": 1, "product\_material": 1, "\_id": 0 }**
* It shows only product name and material.

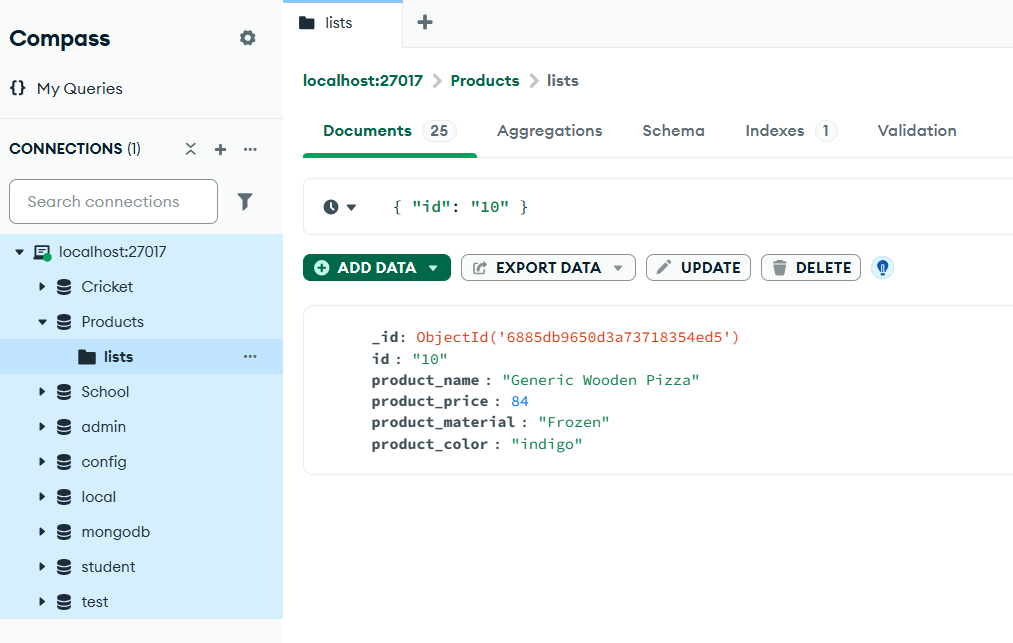
****

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1. **Find the product with a row id of 10**

**{ "id": "10" }**

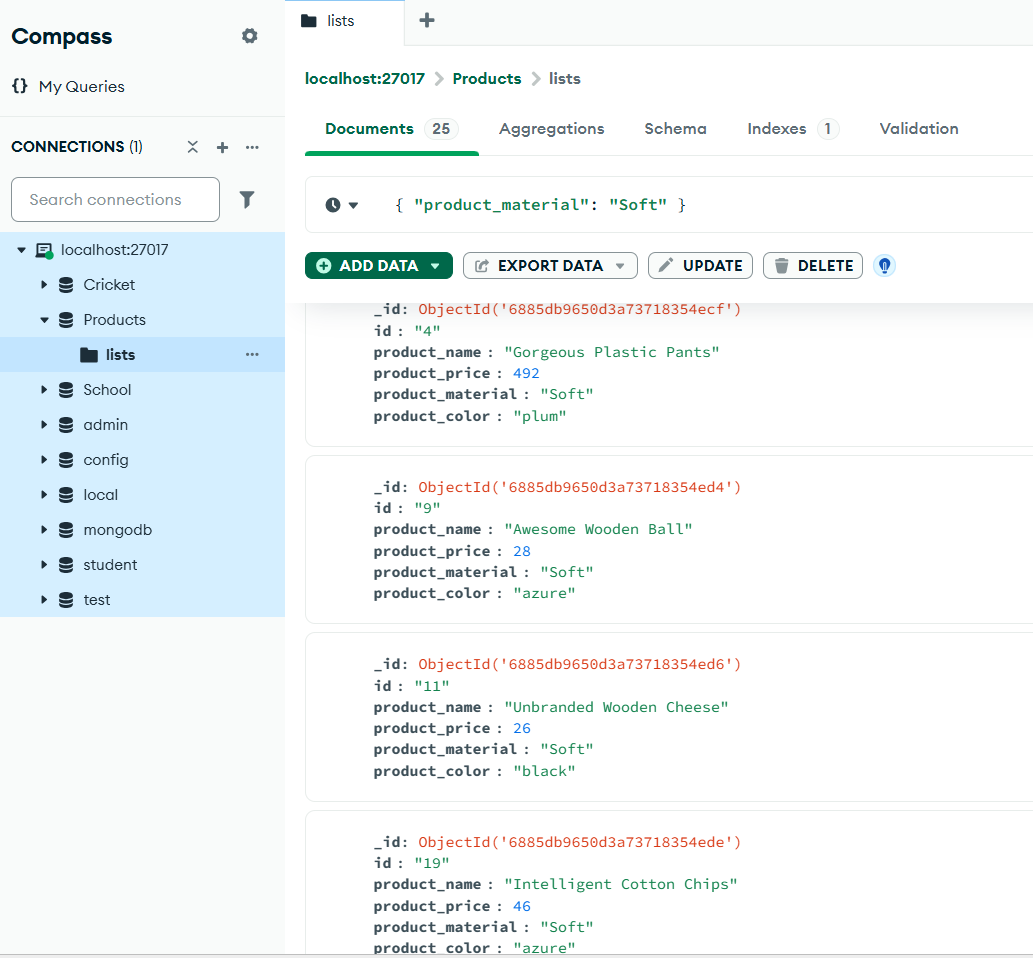
* It shows the specified product based on its Id

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

**{ "product\_material": "Soft" }**

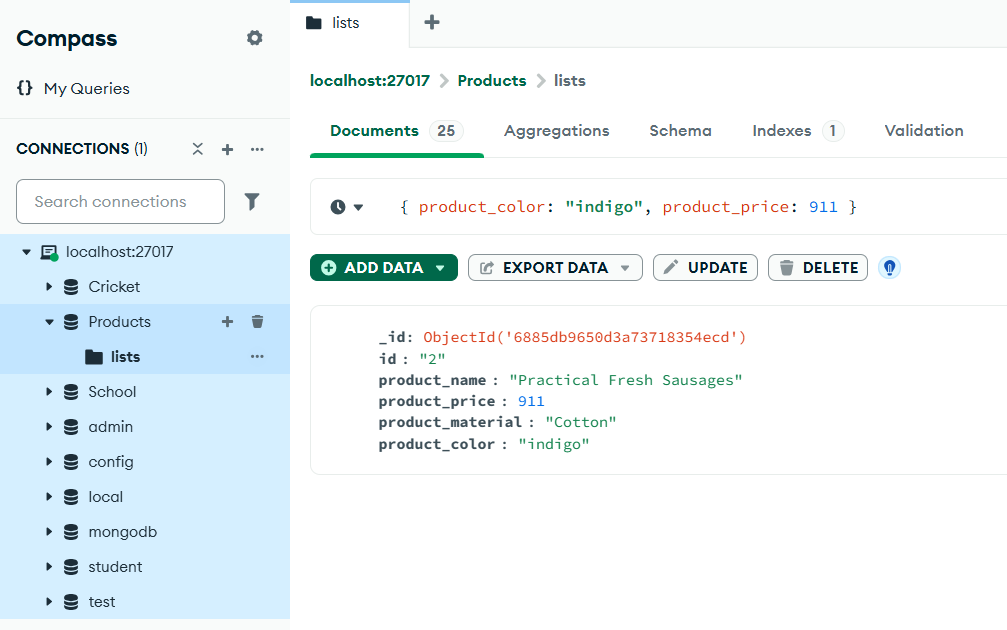
* It shows all products which contain the value "Soft" in product material

****

1. **Find products which contain product colour indigo and product price 911.00**

**{ "product\_color": "indigo", "product\_price": 911.00 }**

* It shows the products which contain product colour indigo and product price 911.00



1. **Delete the products which product price value are same.**

**[**

**{ "$group": { "id": "$product\_price", "count": { "$sum": 1 }, "ids": { "$push": "$\_id" } } },**

**{ "$match": { "count": { "$gt": 1 } } }**

**]**

* Used aggregation to find duplicates, then delete them by \_id

