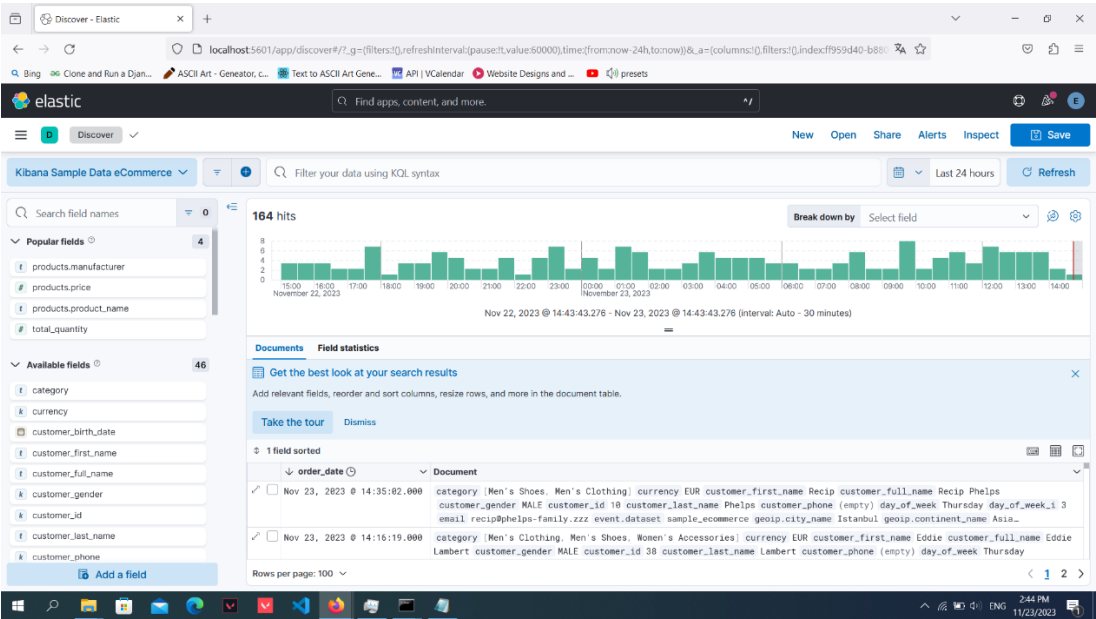
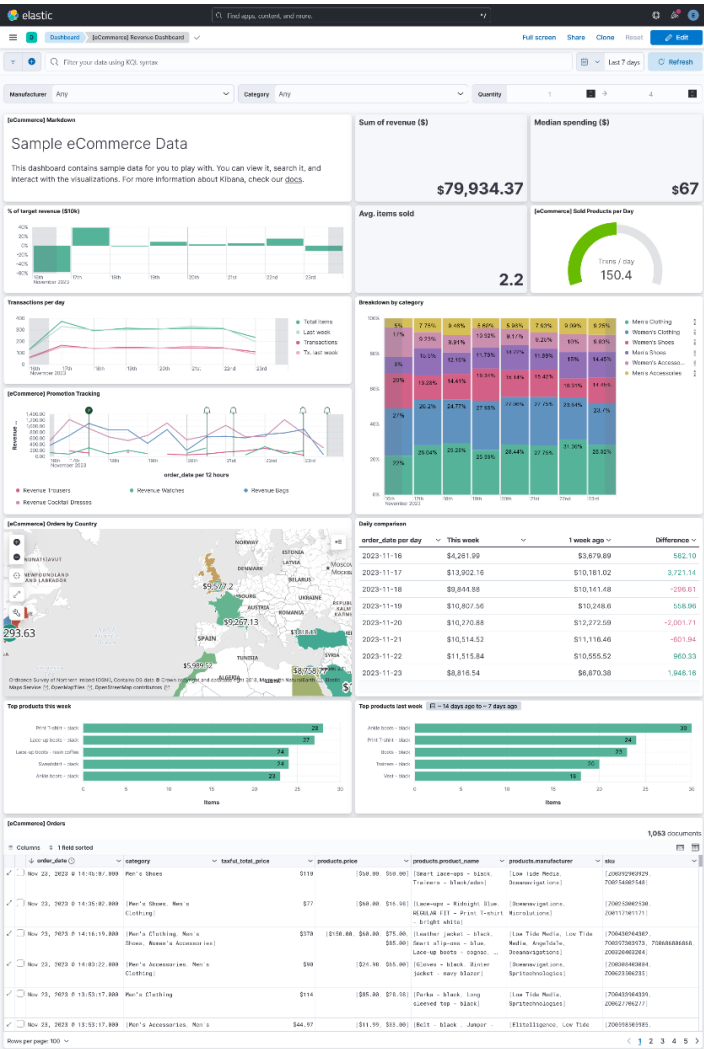


Elasticsearch Lab 1

Qst_07: Discover last 24 hours



Qst_08: Dashboard



Qst_09:

Editing dashboard

elastic Find apps, content, and more.

Dashboard [eCommerce] Revenue Dashboard

Full screen Share Clone Reset Edit

Filter your data using KQL syntax Last 7 days Refresh

Manufacturer Any Category Any Quantity 1 4

[eCommerce] Markdown

Sample eCommerce Data

Sum of revenue (\$)

Median spending (\$)

Add:

Visualization Add panel Add from library

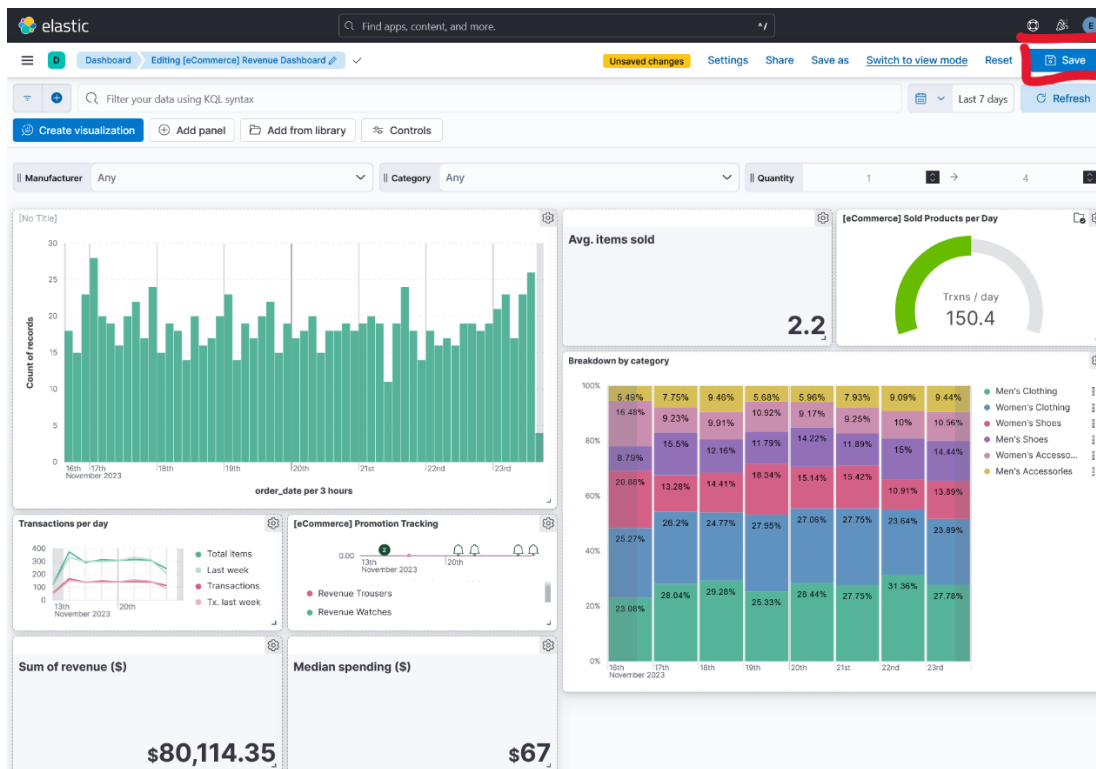
- Lens
- Maps
- Text
- Image
- Log stream
- Custom visualization
- TSVB
- Aggregation based

Delete:

Options

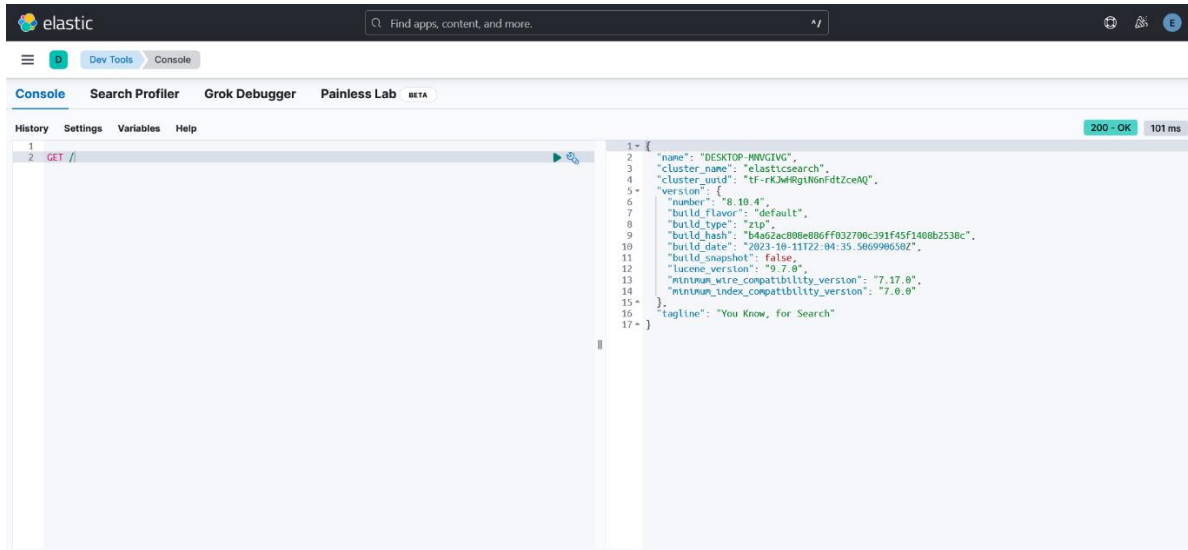
- Inspect
- Save to library
- Maximize panel
- Download as CSV
- Replace panel
- Copy to dashboard
- Delete from dashboard
- Add to existing case
- Add to new case

Result and saving



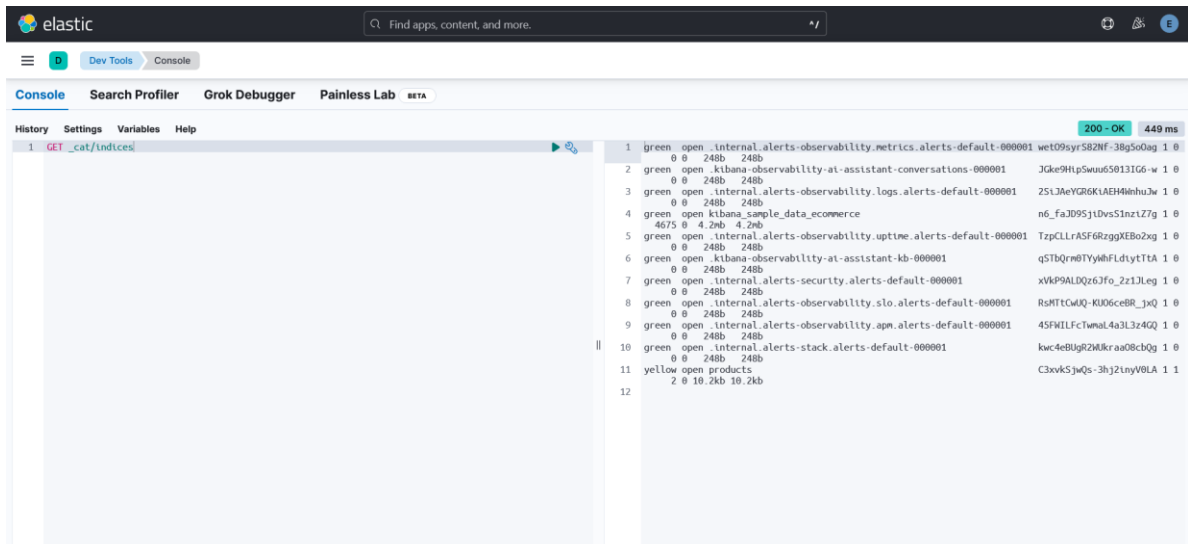
Qst_10:

1- GET /:

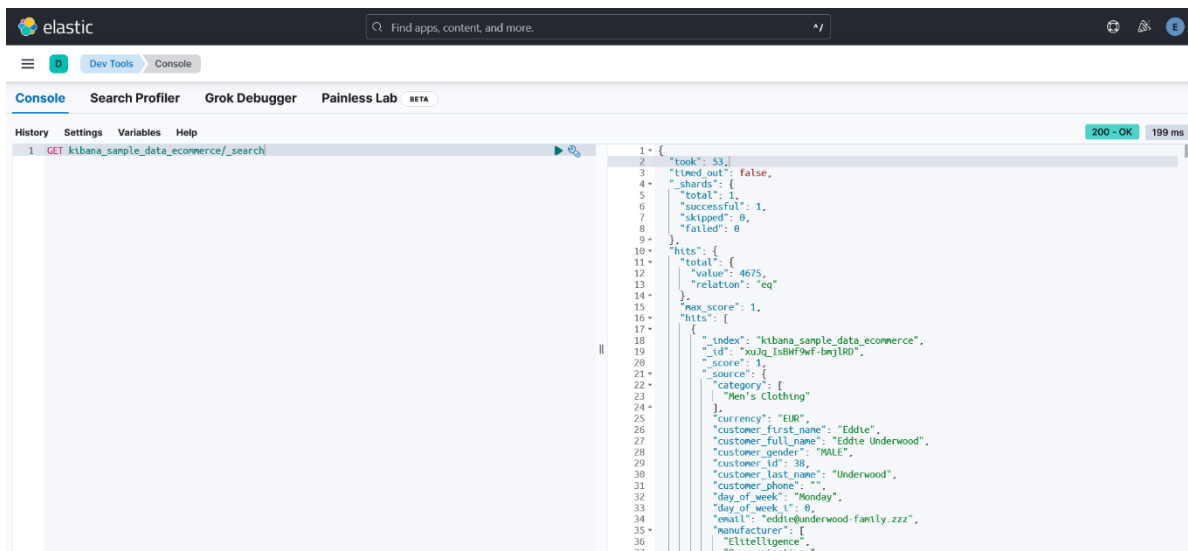


2- Ctrl+enter

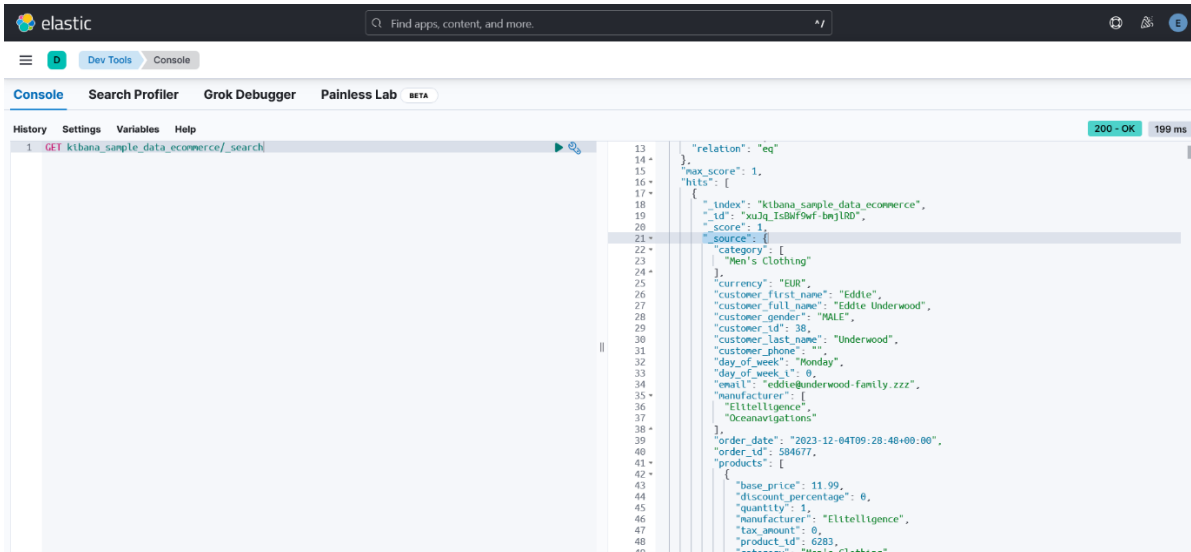
3- the current indexes:



4- "match all":



5- _source of 10 documents:



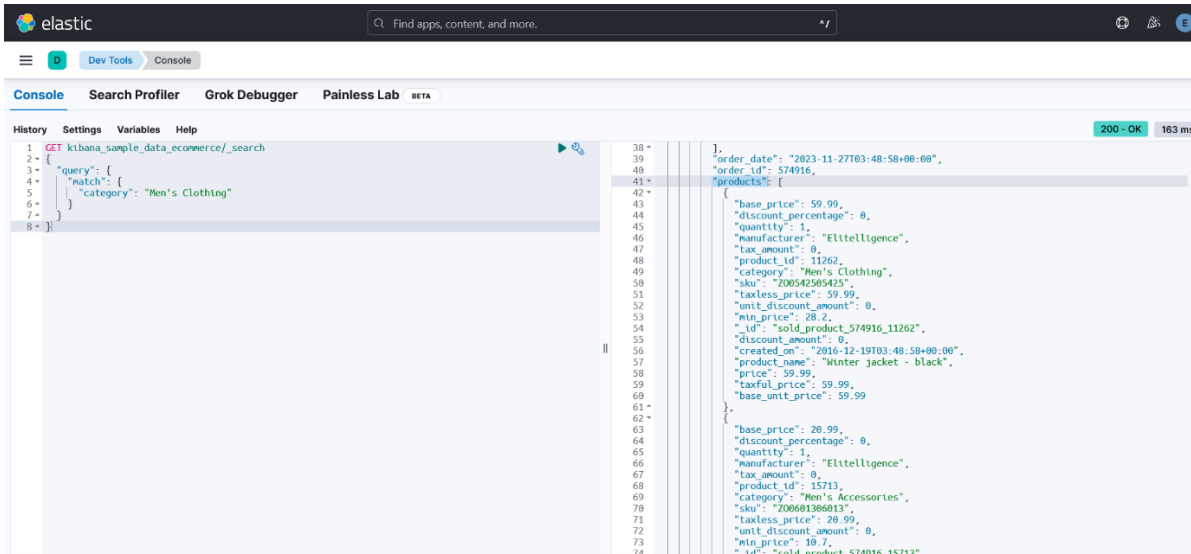
```
1 GET kibana_sample_data_ecommerce/_search

{
  "query": {
    "match": {
      "category": "Men's Clothing"
    }
  }
}
```

```
{
  "hits": {
    "total": {
      "value": 4213,
      "relation": "eq"
    },
    "max_score": 1.0603791,
    "hits": [
      {
        "_index": "kibana_sample_data_ecommerce",
        "_id": "xuJq_IsBwf9wf-bmjLRD",
        "_score": 1,
        "_source": {
          "category": [
            "Men's Clothing"
          ],
          "currency": "EUR",
          "customer_first_name": "Eddie",
          "customer_full_name": "Eddie Underwood",
          "customer_gender": "MALE",
          "customer_id": 38,
          "customer_last_name": "Underwood",
          "customer_phone": "",
          "day_of_week": "Monday",
          "day_of_week_t": 0,
          "email": "eddie@underwood-family.zzz",
          "manufacturer": {
            "Elitelligence",
            "Oceanavigations"
          },
          "order_date": "2023-12-04T09:28:48+00:00",
          "order_id": 584677,
          "products": [
            {
              "base_price": 11.99,
              "discount_percentage": 0,
              "quantity": 1,
              "manufacturer": "Elitelligence",
              "tax_amount": 0,
              "product_id": 6283,
              "category": "Men's Clothing"
            }
          ]
        }
      }
    ]
  }
}
```

6- .

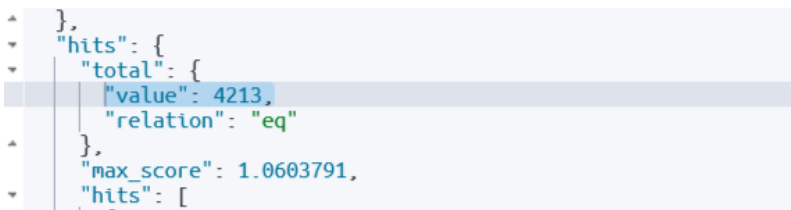
7- Men's Clothing category



```
1 GET kibana_sample_data_ecommerce/_search
2 {
3   "query": {
4     "match": {
5       "category": "Men's Clothing"
6     }
7   }
8 }
```

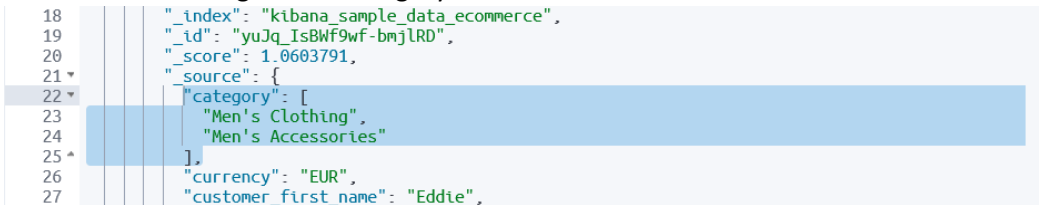
```
{
  "hits": {
    "total": {
      "value": 4213,
      "relation": "eq"
    },
    "max_score": 1.0603791,
    "hits": [
      {
        "_index": "kibana_sample_data_ecommerce",
        "_id": "xuJq_IsBwf9wf-bmjLRD",
        "_score": 1,
        "_source": {
          "category": [
            "Men's Clothing"
          ],
          "currency": "EUR",
          "customer_first_name": "Eddie",
          "customer_full_name": "Eddie Underwood",
          "customer_gender": "MALE",
          "customer_id": 38,
          "customer_last_name": "Underwood",
          "customer_phone": "",
          "day_of_week": "Monday",
          "day_of_week_t": 0,
          "email": "eddie@underwood-family.zzz",
          "manufacturer": {
            "Elitelligence",
            "Oceanavigations"
          },
          "order_date": "2023-12-04T09:28:48+00:00",
          "order_id": 584677,
          "products": [
            {
              "base_price": 11.99,
              "discount_percentage": 0,
              "quantity": 1,
              "manufacturer": "Elitelligence",
              "tax_amount": 0,
              "product_id": 6283,
              "category": "Men's Clothing"
            }
          ]
        }
      }
    ]
  }
}
```

8- 4213 doc matched



```
{
  "hits": {
    "total": {
      "value": 4213,
      "relation": "eq"
    },
    "max_score": 1.0603791,
    "hits": [
      {
        "_index": "kibana_sample_data_ecommerce",
        "_id": "xuJq_IsBwf9wf-bmjLRD",
        "_score": 1,
        "_source": {
          "category": [
            "Men's Clothing",
            "Men's Accessories"
          ],
          "currency": "EUR",
          "customer_first_name": "Eddie",
          "customer_full_name": "Eddie Underwood",
          "customer_gender": "MALE",
          "customer_id": 38,
          "customer_last_name": "Underwood",
          "customer_phone": "",
          "day_of_week": "Monday",
          "day_of_week_t": 0,
          "email": "eddie@underwood-family.zzz",
          "manufacturer": {
            "Elitelligence",
            "Oceanavigations"
          },
          "order_date": "2023-12-04T09:28:48+00:00",
          "order_id": 584677,
          "products": [
            {
              "base_price": 11.99,
              "discount_percentage": 0,
              "quantity": 1,
              "manufacturer": "Elitelligence",
              "tax_amount": 0,
              "product_id": 6283,
              "category": "Men's Clothing"
            }
          ]
        }
      }
    ]
  }
}
```

"Men's" or "Clothing" in the category



```
18   "_index": "kibana_sample_data_ecommerce",
19   "_id": "xuJq_IsBwf9wf-bmjLRD",
20   "_score": 1.0603791,
21   "_source": {
22     "category": [
23       "Men's Clothing",
24       "Men's Accessories"
25     ],
26     "currency": "EUR",
27     "customer_first_name": "Eddie",
28     "customer_full_name": "Eddie Underwood",
29     "customer_gender": "MALE",
30     "customer_id": 38,
31     "customer_last_name": "Underwood",
32     "customer_phone": "",
33     "day_of_week": "Monday",
34     "day_of_week_t": 0,
35     "email": "eddie@underwood-family.zzz",
36     "manufacturer": {
37       "Elitelligence",
38       "Oceanavigations"
39     },
40     "order_date": "2023-12-04T09:28:48+00:00",
41     "order_id": 584677,
42     "products": [
43       {
44         "base_price": 11.99,
45         "discount_percentage": 0,
46         "quantity": 1,
47         "manufacturer": "Elitelligence",
48         "tax_amount": 0,
49         "product_id": 6283,
50         "category": "Men's Clothing"
51       }
52     ]
53   }
54 }
```

9- improving the previous query

The screenshot shows the Elastic Dev Tools interface. The left pane displays a REST client with a GET request to `ktbana_sample_data_ecommerce/_search` with a query body:

```
{
  "query": {
    "match_phrase": {
      "category": "Men's Clothing"
    }
  }
}
```

The right pane shows the JSON response. The `hits` section is highlighted, showing a single result with a score of 1.0357792 and a source object containing customer details.

```
{
  "took": 3,
  "timed_out": false,
  "_shards": {
    "total": 1,
    "successful": 1,
    "skipped": 0,
    "failed": 0
  },
  "hits": {
    "total": {
      "value": 2024,
      "relation": "eq"
    },
    "max_score": 1.0357792,
    "hits": [
      {
        "_index": "ktbana_sample_data_ecommerce",
        "_id": "xuJq_IsBwF9wf-bnj1kD",
        "_score": 1.0357792,
        "_source": {
          "category": [
            "Men's Clothing"
          ],
          "currency": "EUR",
          "customer_first_name": "Eddie",
          "customer_full_name": "Eddie Underwood",
          "customer_gender": "MALE",
          "customer_id": 38,
          "customer_last_name": "Underwood",
          "customer_phone": "",
          "day_of_week": "Monday",
          "day_of_week_i": 0,
          "email": "eddie@underwood-family.zzz",
          "manufacturer": {
            "Elitelligence",
            "Vreassvatstone"
          }
        }
      }
    ]
  }
}
```

10- 2024 result

```
"hits": {
  "total": {
    "value": 2024,
    "relation": "eq"
  },
}
```