

Utilizando Elasatic Search

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Crear un índice

```
DELETE /employee-sps
PUT /employee-sps
{"settings": {
  "index.number_of_shards": 2,
  "index.number_of_replicas": 0
},
"mappings": {
  "doc": {
    "properties": {
      "date": {
        "type": "date",
        "format": "HH:mm yyyy-MM-dd"
      }
    }
  }
}
```

Insertando Datos

```
POST /employee-sps/_bulk
{"index": {"_index": "employee-sps", "_type": "doc"}}
{"about": "Amet incididunt voluptate in eu duis sint
    ullamco pariatur irure culpa. Amet mollit dolor
    excepteur nisi ex sit ullamco. Lorem veniam
    voluptate non est do. Est id enim incididunt dolore
    aliqua incididunt excepteur ipsum sint esse commodo
    sit. In occaecat occaecat fugiat in mollit ut sint
    velit reprehenderit tempor aliquip reprehenderit. Et
    exercitation sit elit pariatur veniam officia amet
    quis occaecat. Voluptate adipisicing dolor cillum
    anim enim sunt Lorem velit ex magna non enim."
    , "address": "268 Bergen Avenue, Sattley, Rhode Island
    , 5425", "age": 27, "company": "IMAGINART", "email"
    : "logan.blackburn@imaginart.me", "eyeColor": "green"
    , "favoriteFruit": "apple", "friends": [{"id": 0, "name"
    : "Loraine Foreman"}, {"id": 1, "name": "Elizabeth
    Burnett"}, {"id": 2, "name": "Consuelo Patel"}]
    , "greeting": "Hello, Logan! You have 8 unread
    messages.", "guid": "33f177aa-da4a-45cf-9071
    -9a48c803f744", "isActive": false, "latitude": "76
    .532393", "longitude": "-44.824277", "name": {"first"
    : "Logan", "last": "Blackburn"}, "payment": "51722.69"
    , "phone": "+1 (995) 460-3467", "picture": "http://
    /placeholder.it/32x32", "range": [0,1,2,3,4,5,6,7,8,9]
    , "registered": "Sunday, June 28, 2015 8:48 AM", "tags"
    : ["elit", "nisi", "eu", "aut", "deserunt"]}
```

Consulta 1

```
GET /employee-sps/doc/_search
```

```
{
  "query": {
    "range": {
      "age": {
        "gte": 30
      }
    }
  }
}
```

```
1 {
2   "took" : 4,
3   "timed_out" : false,
4   "_shards" : {
5     "total" : 2,
6     "successful" : 2,
7     "skipped" : 0,
8     "failed" : 0
9   },
10  "hits" : {
11    "total" : 23,
12    "max_score" : 1.0,
13    "hits" : [
14      {
15        "_index" : "employee-sps",
16        "_type" : "doc",
17        "_id" : "E4Cof3QB-39kJOSbemOs",
18        "_score" : 1.0
19      },
20      {
21        "_index" : "employee-sps",
22        "_type" : "doc",
23        "_id" : "GYCof3QB-39kJOSbemOs",
24        "_score" : 1.0
25      },
26      {
27        "_index" : "employee-sps",
28        "_type" : "doc",
29        "_id" : "HoCof3QB-39kJOSbemOs",
30        "_score" : 1.0
31      }
32    ]
33  }
34 }
```

Consulta 2

GET /employee-sps/doc/_search

```
{
  "query": {
    "bool": {
      "should": [
        { "range": { "age": { "gte": 0 , "lt": 30 }}}},
        { "range": { "payment": { "gte": 50000 }}}
      ]
    }
  }
}
```

```
1 {
2   "took" : 4,
3   "timed_out" : false,
4   "_shards" : {
5     "total" : 2,
6     "successful" : 2,
7     "skipped" : 0,
8     "failed" : 0
9   },
10  "hits" : {
11    "total" : 43,
12    "max_score" : 2.0,
13    "hits" : [
14      {
15        "_index" : "employee-sps",
16        "_type" : "doc",
17        "_id" : "CICof3QB-39kJOSbemOs",
18        "_score" : 2.0
19      },
20      {
21        "_index" : "employee-sps",
22        "_type" : "doc",
23        "_id" : "CYCof3QB-39kJOSbemOs",
24        "_score" : 2.0
25      },
26      {
27        "_index" : "employee-sps",
28        "_type" : "doc",
29        "_id" : "D4Cof3QB-39kJOSbemOs",
30        "_score" : 2.0
31      },
32      {
33        "_index" : "employee-sps",
34        "_type" : "doc",
35        "_id" : "EYCof3QB-39kJOSbemOs",
36        "_score" : 2.0
37    ]
1  }
```

Creando una vista

kibana

Discover

Visualize

Dashboard

Timeline

Canvas

Maps

Machine Learning

Infrastructure

Logs

APM

Uptime

Graph

Dev Tools

Monitoring

Elasticsearch

Index Management

Index Lifecycle Policies

Rollup Jobs

Watcher

7.0 Upgrade Assistant

Kibana

Index Patterns

Saved Objects

Spaces

Reporting

Advanced Settings

Logstash

Pipelines

Beats

Central Management

Security

Users

Roles

Create index pattern

★ employee-sps*

Create index pattern

Kibana uses index patterns to retrieve data from Elasticsearch indices for things like visualizations.

☐ Include system indices

Step 1 of 2: Define index pattern

Index pattern

empl*

You can use a * as a wildcard in your index pattern. You can't use spaces or the characters \, /, ?, *, <, >, |.

> Next step

✓ Success! Your index pattern matches 1 index.

employee-sps

Rows per page: 10

Create index pattern

Kibana uses index patterns to retrieve data from Elasticsearch indices for things like visualizations.

☐ Include system indices

Step 2 of 2: Configure settings

You've defined empl* as your index pattern. Now you can specify some settings before we create it.

Time Filter field name Refresh

created_at

The Time Filter will use this field to filter your data by time. You can choose not to have a time field, but you will not be able to narrow down your data by a time range.

> Show advanced options

< Back Create index pattern

Create index pattern

★ employee-sps*

Time Filter field name: created_at

This page lists every field in the employee-sps* index and the field's associated core type as recorded by Elasticsearch. To change a field type, use the Elasticsearch Mapping API.

Fields (48) Scripted fields (0) Source filters (0)

Filter All field types

Name	Type	Format	Searchable	Aggregatable	Excluded
_id	string		•	•	
_index	string		•	•	
_score	number				
_source	_source				
_type	string		•	•	
about	string		•		
about.keyword	string		•	•	
address	string		•		
address.keyword	string		•	•	



Visualize

Create visualizations and aggregate data stores in your Elasticsearch indices.



- Discover
- Visualize**
- Dashboard
- Timelion
- Canvas
- Maps

Visualize

Search...



0-0 of 0 < >

Looks like you don't have any visualizations. Let's create some!

[+ Create a visualization](#)

0 items selected

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