[Elastic Austin] Meetup:

Beginner's Crash Course to the Elastic Stack Series

Part 3: Running full text queries and combined queries with Elasticsearch and Kibana

Lisa Jung
Developer Advocate @Elastic

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Beginner's crash course to Elastic Stack Series

- Part 1: Intro to Elasticsearch and Kibana
- Part 2: Understanding the relevance of your search with Elasticsearch and Kibana
- Part 3: Running full text queries and complex queries with Elasticsearch and Kibana

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Missed the first two workshops? No worries!

- **Beginner's Crash Course to Elastic Stack**
  - Table of Contents
    - Repo: https://ela.st/beginners-table-of-contents

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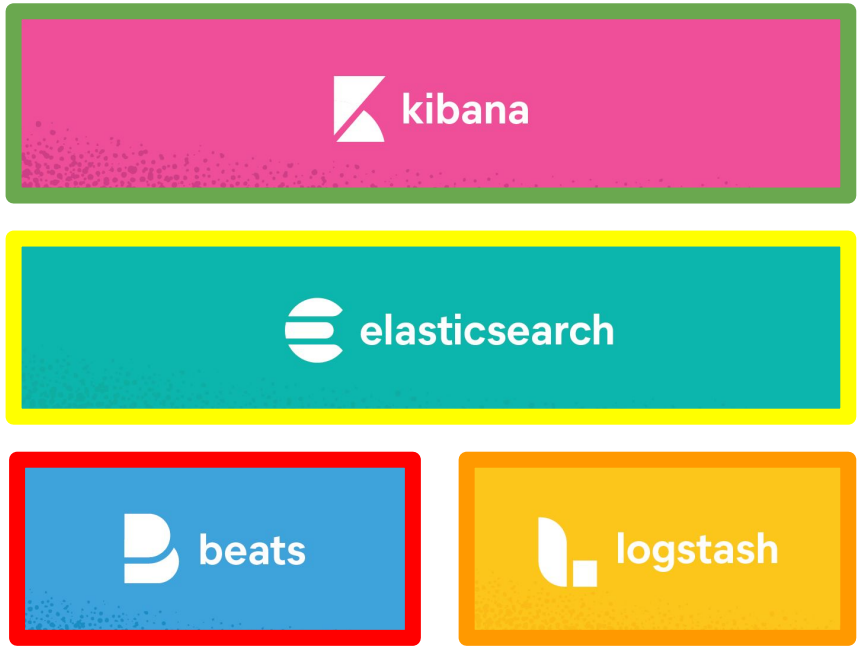
The Elastic Stack

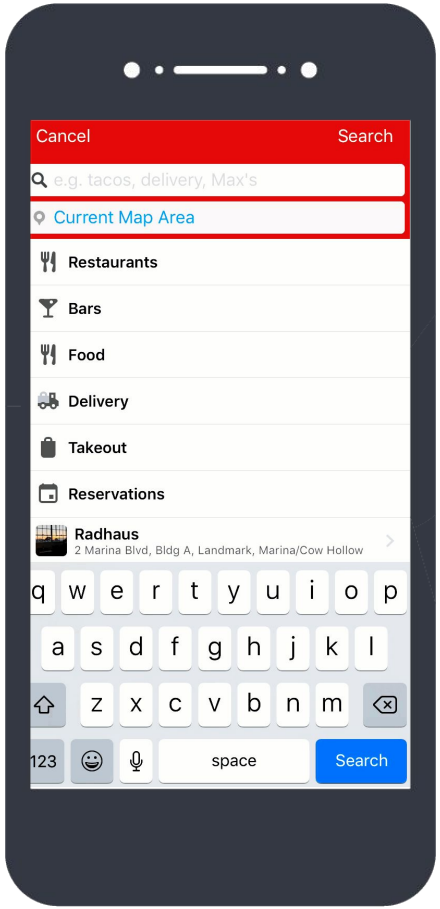
Reliably and securely take data from any source, in any format, then search, analyze, and visualize it in real time.



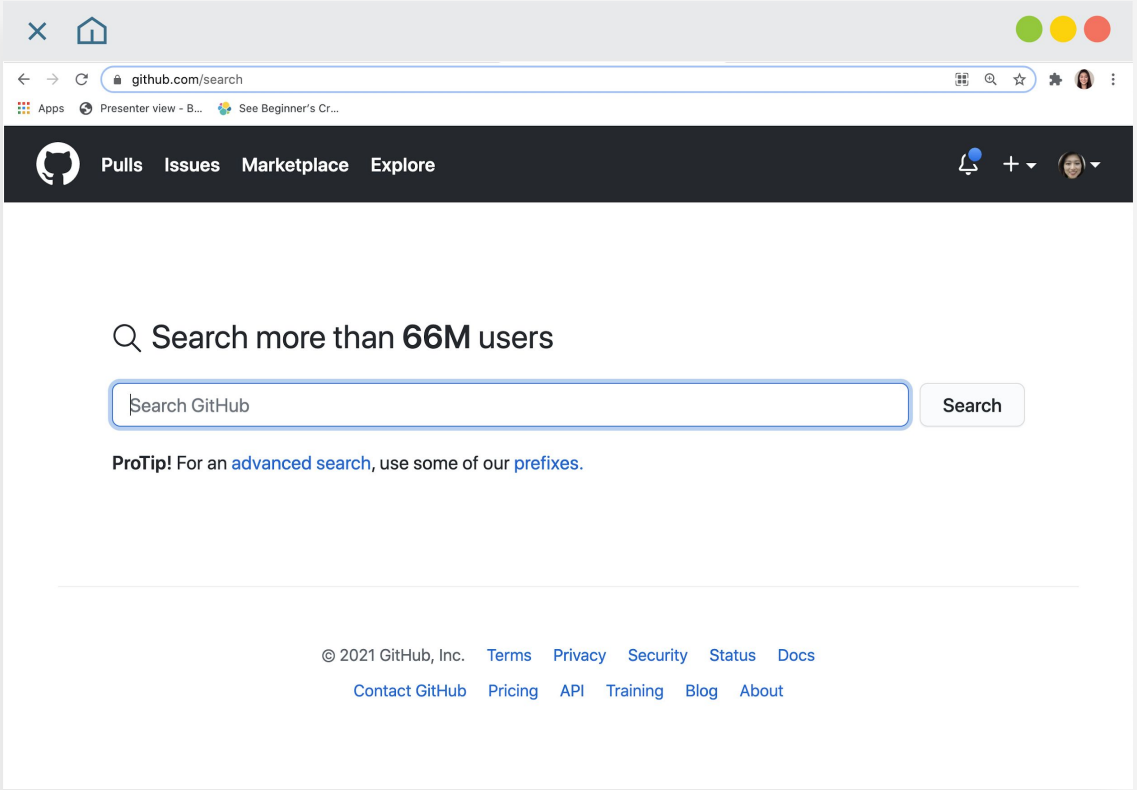
Elasticsearch

Store | Search | Analyze

yelp


Cancel
Search
e.g. tacos, delivery, Max's
Current Map Area
Restaurants
Bars
Food
Delivery
Takeout
Reservations
Radhaus
2 Marina Blvd, Bldg A, Landmark, Marina/Cow Hollow
space
Search

GitHub


github.com/search
Apps
Presenter view - B...
See Beginner's Cr...
Pulls
Issues
Marketplace
Explore
Search more than 66M users
Search GitHub
Search
ProTip! For an advanced search, use some of our prefixes.
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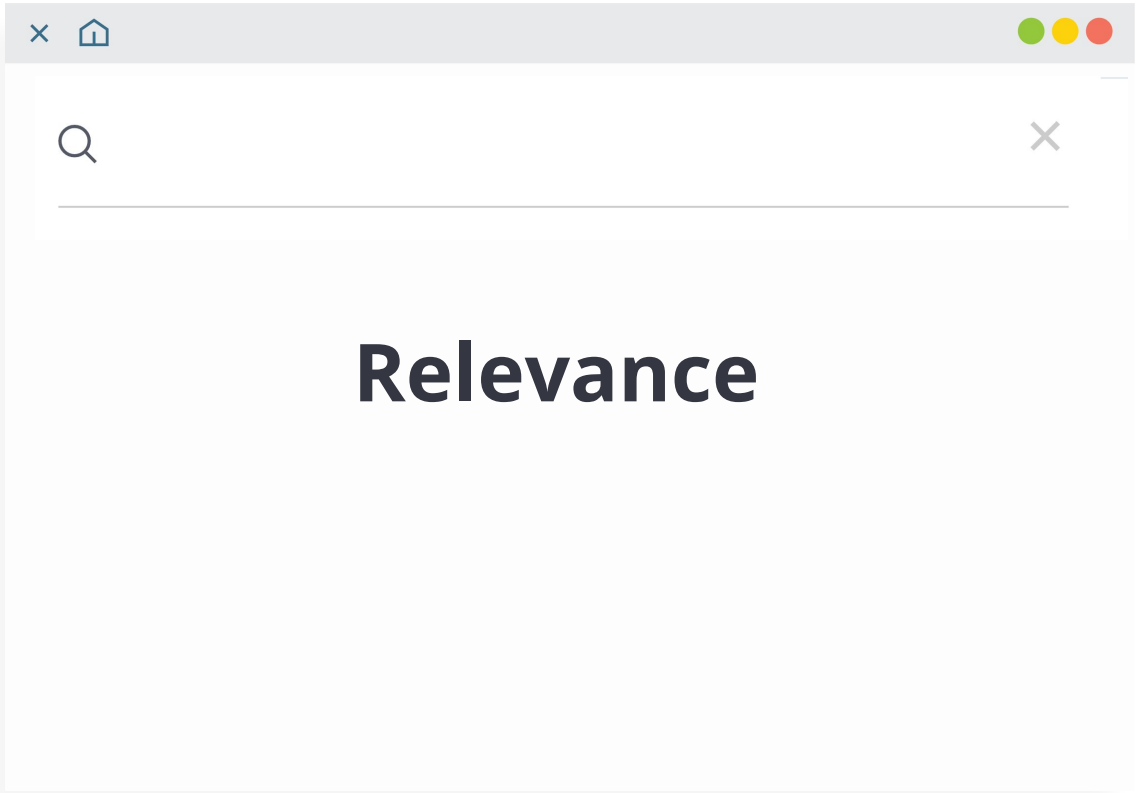

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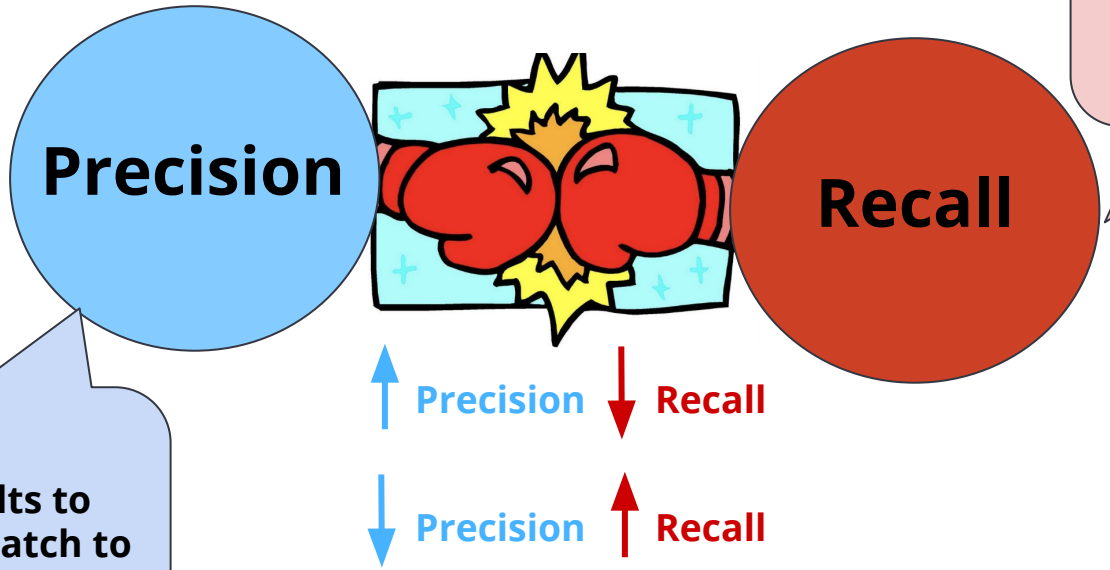
Precision and Recall



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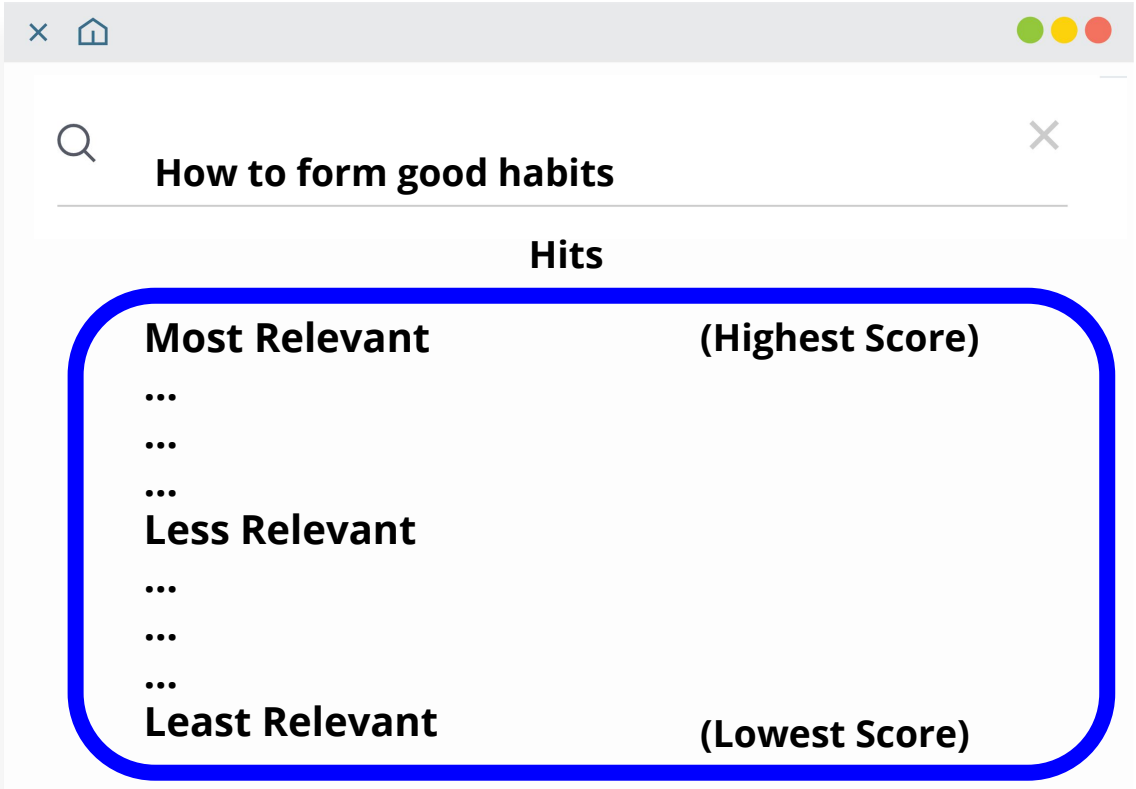
What is score?



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yelp.com/search?find_desc=tacos&find_loc=Capitol+Hill%2C+Denver%2C+CO&ns=1

yelp

tacos | Capitol Hill, Denver, CO

For Businesses | Write a Review | Log In | Sign Up

Restaurants | Home Services | Auto Services | More

Filters

$ | $$ | $$$ | $$$$

Suggested
- Curbside Pickup
- Open Now 1:23 PM
- Yelp Delivery

Category

Tacos | Restaurants | Bars | Food

See all

Features
- Good for Groups
- Has TV
- Free Wi-Fi
- Full Bar

See all

Neighborhoods
- Capitol Hill
- CBD
- Speer
- Lincoln Park

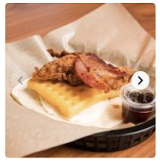
See all

Distance
- Bird's-eye View
- Driving (5 mi.)
- Biking (2 mi.)
- Walking (1 mi.)
- Within 4 blocks

Delivery
Order in

Takeout
Grab and go

Sponsored Results



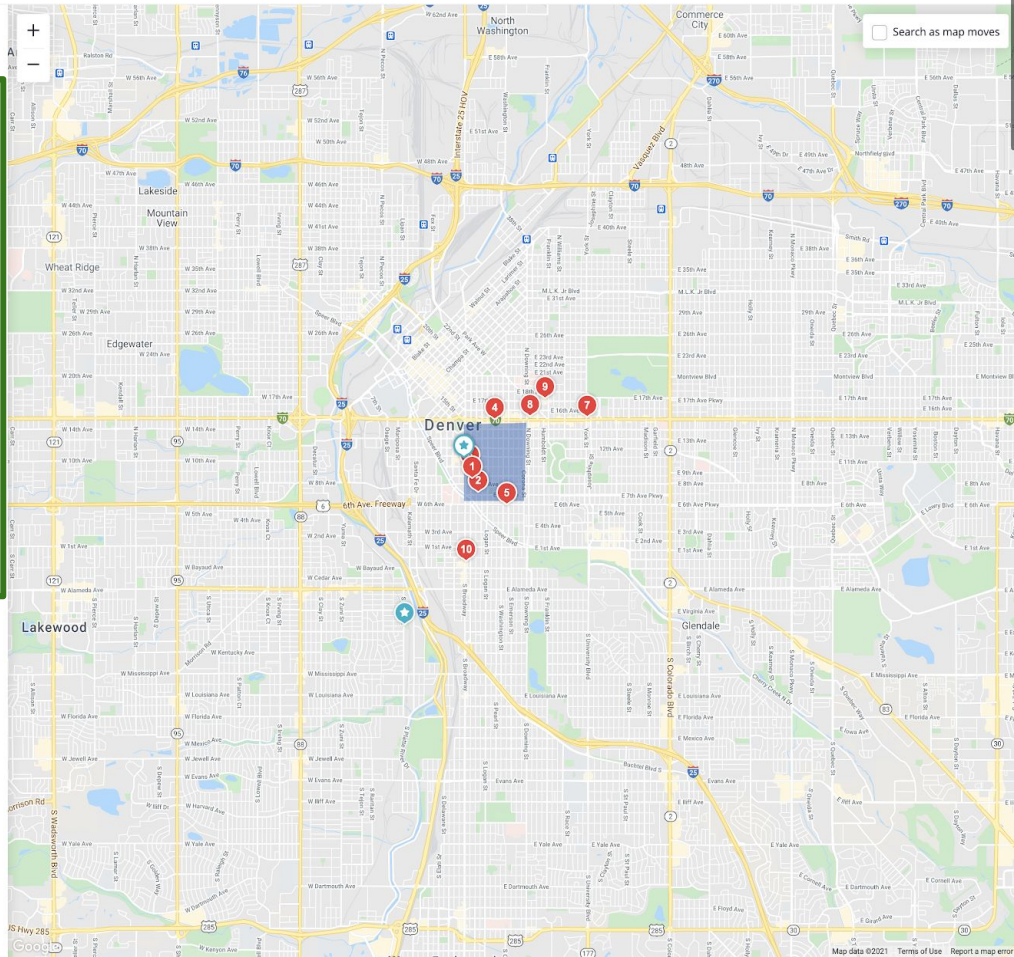
Torchys Tacos
855
Breakfast & Brunch, Tacos
(303) 436-1704
1085 N Broadway
Southwest
Delivery ✓ Takeout ✓ Dine-in
"Let me preface this review by saying that we've never set foot in Torchy's-- We have always ordered via Postmates. But based on our experience (all good) with the food having traveled before we consumed it, I..." more
Get Directions
Open time: 10:00 am - 8:00 pm

Taco Block
3
Food Trucks, Tacos, Burgers
(720) 261-5080
638 S Lipan St
Southwest
Certified professionals
Remote services during COVID-19
Delivery ✗ Takeout ✓ Outdoor seating
"We specialize in Catering Tacos!!" more

All Results

1. La Milpa
11
Tacos, Desserts, Acai Bowls
(303) 837-8921
840 Lincoln St
Capitol Hill
Delivery ✓ Takeout ✓ Outdoor seating
"In my opinion, these are the best, unassuming **tacos** I have had in Denver. The homemade tortillas" more
Start Order
Offers takeout and delivery

2. Tacos Tequila Whiskey
91
(720) 458-0989
215 E 7th Ave
Capitol Hill



match query

```
GET enter_name_of_index_here/_search
{
  "query": {
    "match": {
      "Specify the field you want to search":{
        "query":"Enter search terms"
    }
  }
 }
}
```

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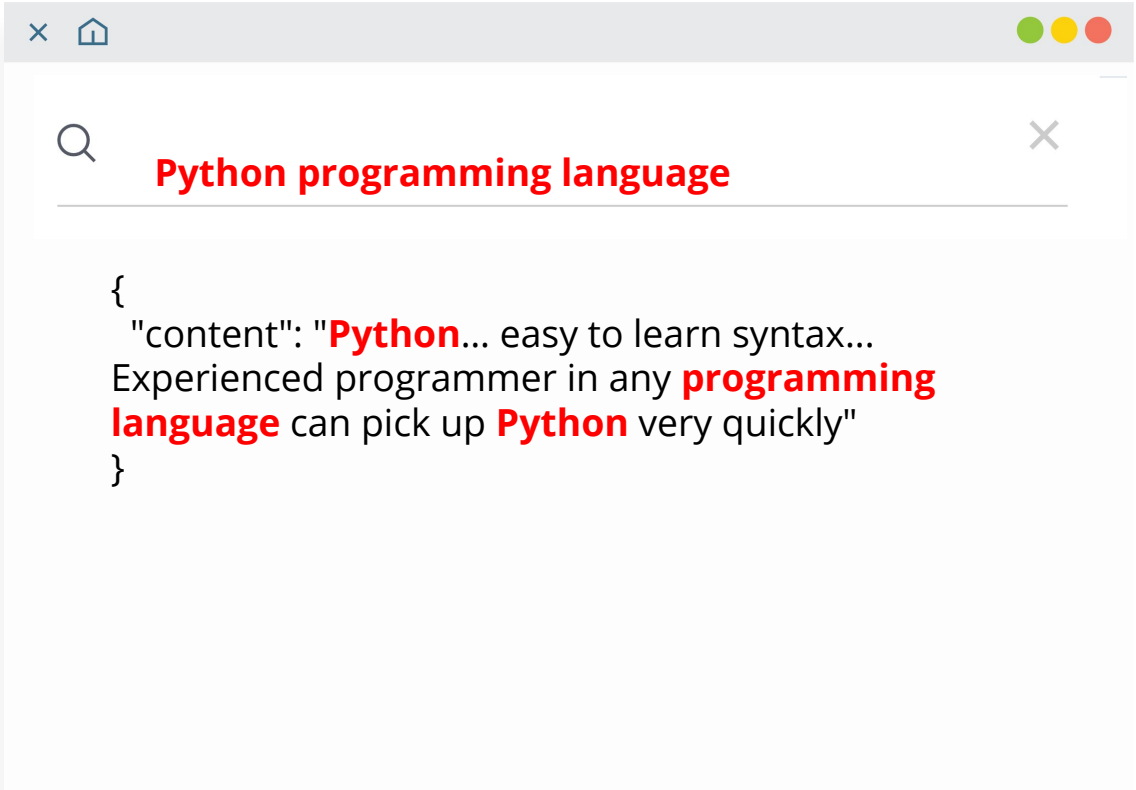
match query



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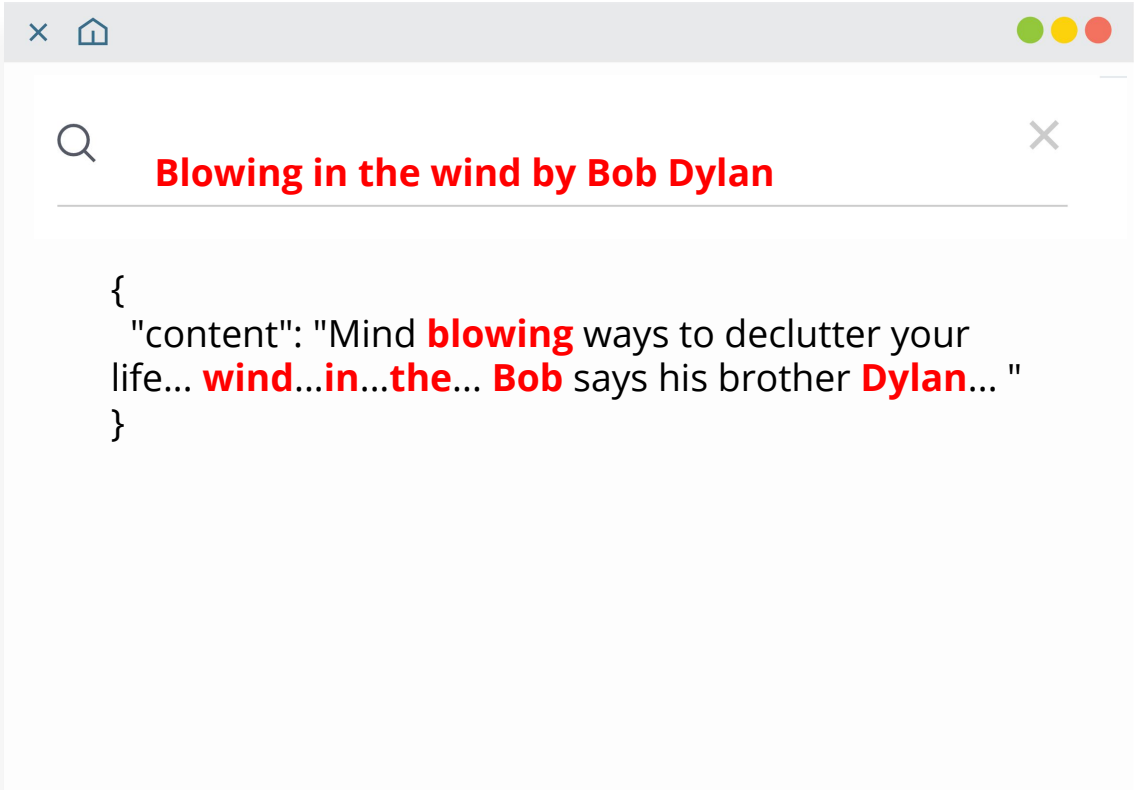
match query



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match_phrase query

```
GET Enter_the_name_of_the_index_here/_search
{
  "query": {
    "match_phrase": {
      "Specify the field you want to search over": "Enter the phrase you are searching for"
    }
  }
}
```

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Before we do that...

- **Step 1: Set up Elastic Cloud/download Elasticsearch and Kibana**
- **Step 2: Add data to Elasticsearch**
- **https://ela.st/beginners-table-of-contents**
  - **Click on Part 2**

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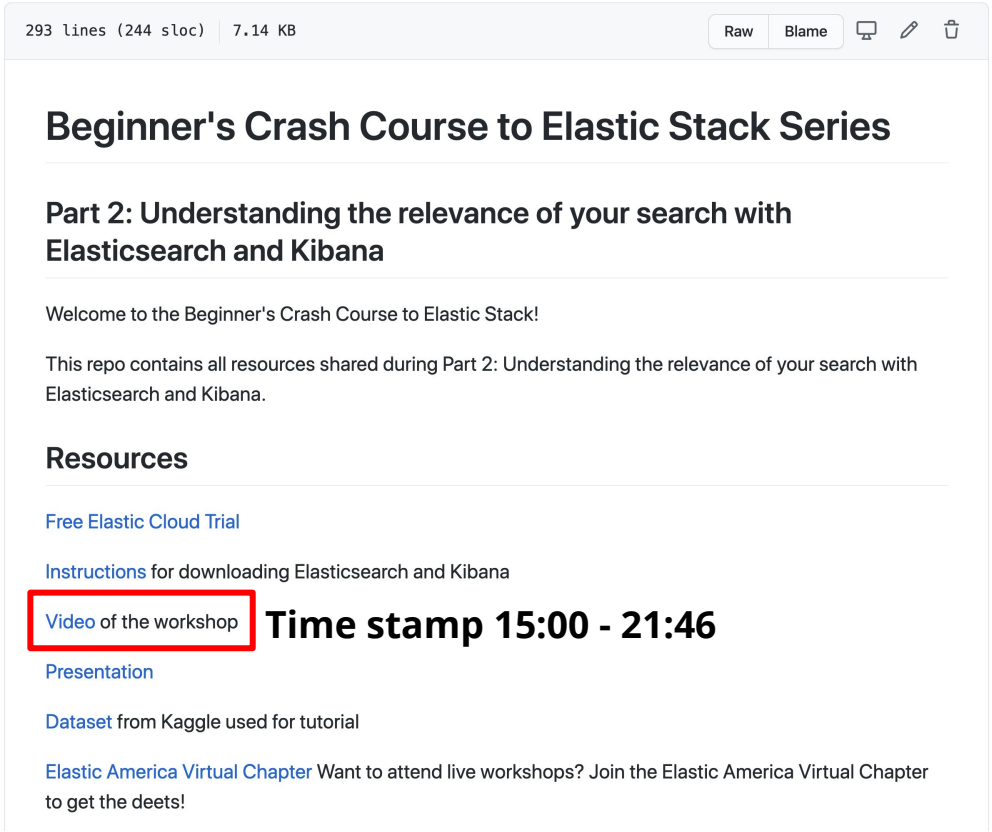
Complete steps 1 and 2 by following the workshop recording.



293 lines (244 sloc) | 7.14 KB

Raw Blame

Beginner's Crash Course to Elastic Stack Series

Part 2: Understanding the relevance of your search with Elasticsearch and Kibana

Welcome to the Beginner's Crash Course to Elastic Stack!

This repo contains all resources shared during Part 2: Understanding the relevance of your search with Elasticsearch and Kibana.

Resources

Free Elastic Cloud Trial

Instructions for downloading Elasticsearch and Kibana

Video of the workshop **Time stamp 15:00 - 21:46**

Presentation

Dataset from Kaggle used for tutorial

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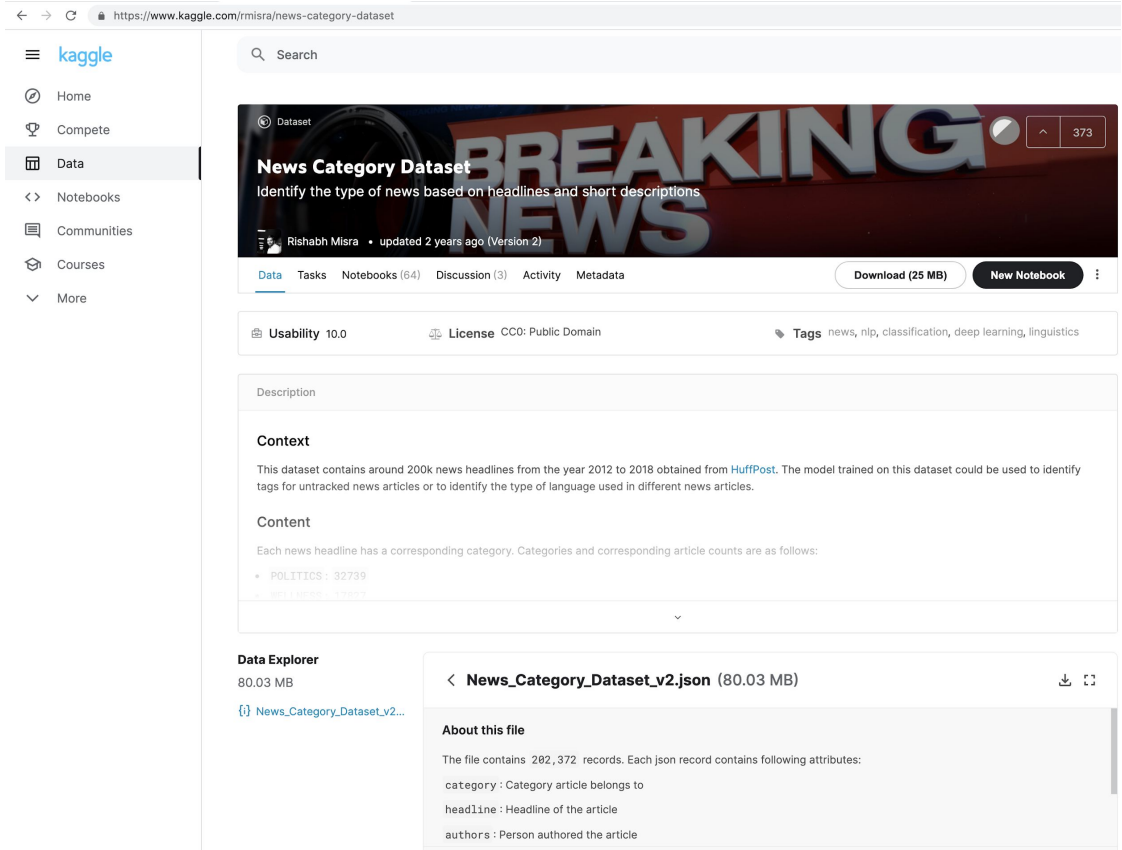
News Category Dataset from Kaggle



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Workshop Part 3 GitHub Repo

- https://ela.st/beginners-table-of-contents
  - Click on Part 3

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Beginner’s crash course to Elastic Stack Series

- **Part 3: Running full text queries and combined queries with Elasticsearch and Kibana**
  - Full text queries
  - Combined queries
  - Fine tune the relevance of search results

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Questions?

What’s next?

- **Creating a Diversity Org App with Enterprise App Search**
- **March 31st 12 PM CST**
  - **https://ela.st/diversity-app-search**

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Beginner's Crash Course will resume on April 28th, 2021!

- **Part 4: Running aggregations with Elasticsearch and Kibana**
- **Join Elastic America Virtual chapter to get the deets on my future workshops!**
  - **https://community.elastic.co/amer-virtual/**

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Lisa Jung

Developer Advocate @Elastic

Discussion forum: https://discuss.elastic.co/

Blog: https://dev.to/lisahjung

Twitter: @LisaHJung