IT-309
EXPERIMENT-4 REPORT

Indian Institute of Information Technology, Vadodara

Group-1

Contents

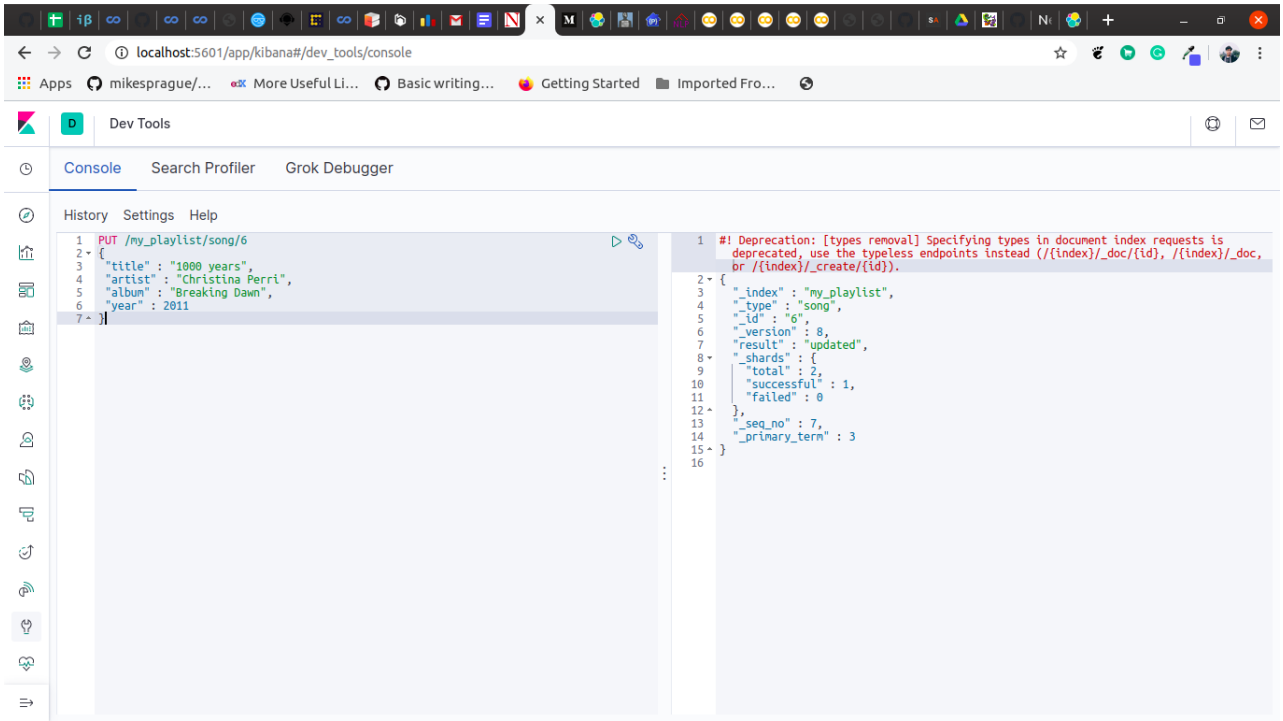
0.1 Elasticsearch And Kibana

- Elasticsearch: It is open source search engine based on the Lucene library and is highly scalable.
- Elasticsearch takes in unstructured data from different locations, stores and indexes it according to user-specified mapping and makes it searchable.
- Kibana: It is an open source data visualization web interface for Elasticsearch
- The data used here is demo data of bank accounts in JSON available at elastic.io

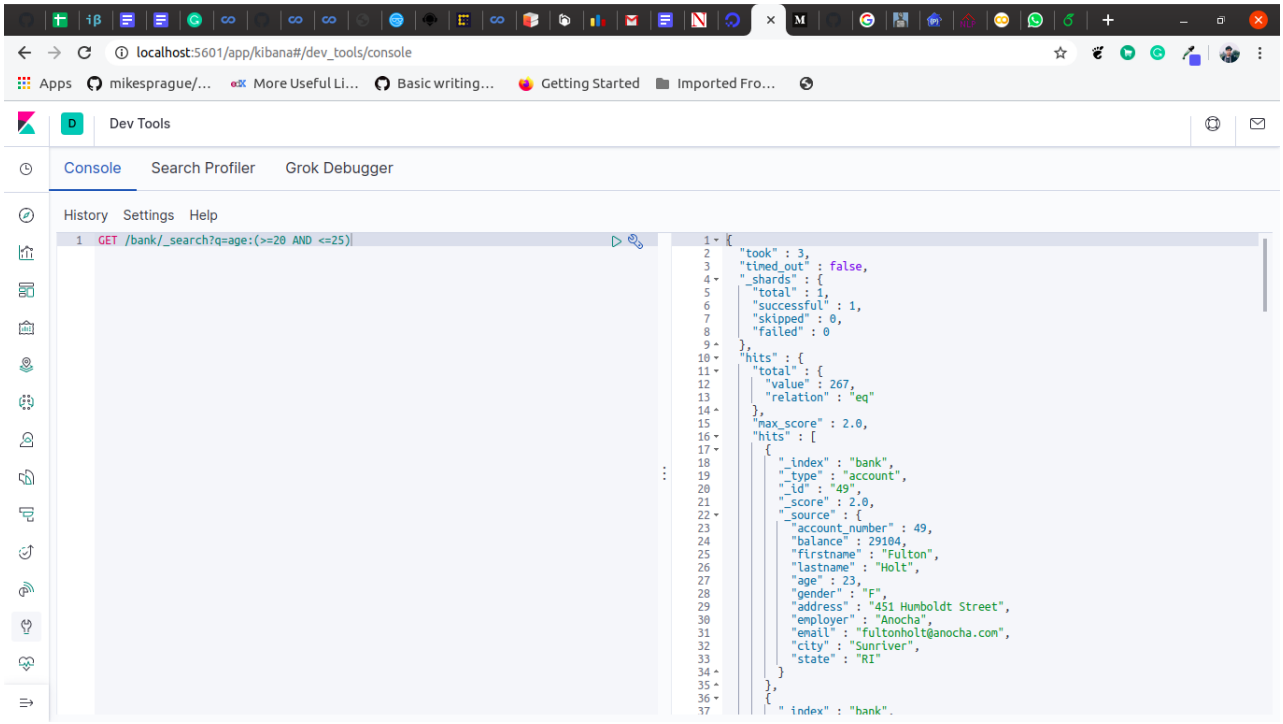
0.2 Results

Results for some of the queries are shown below:

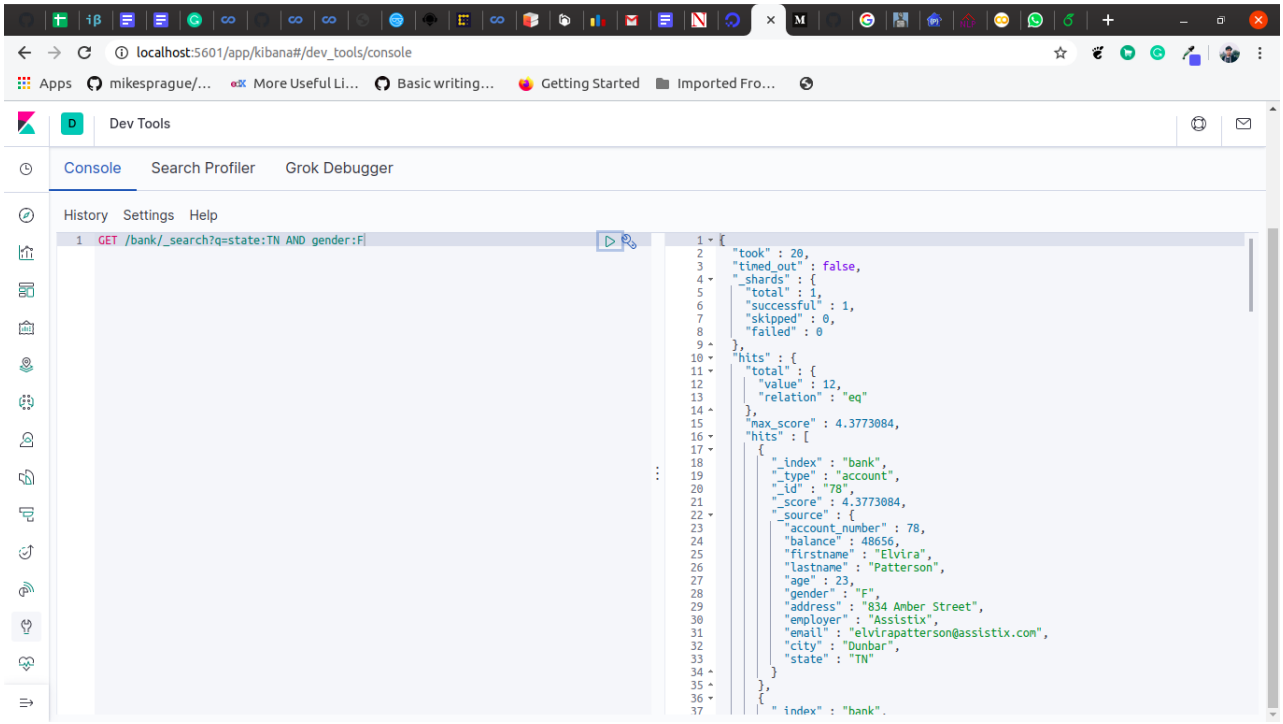
- PUT REQUEST



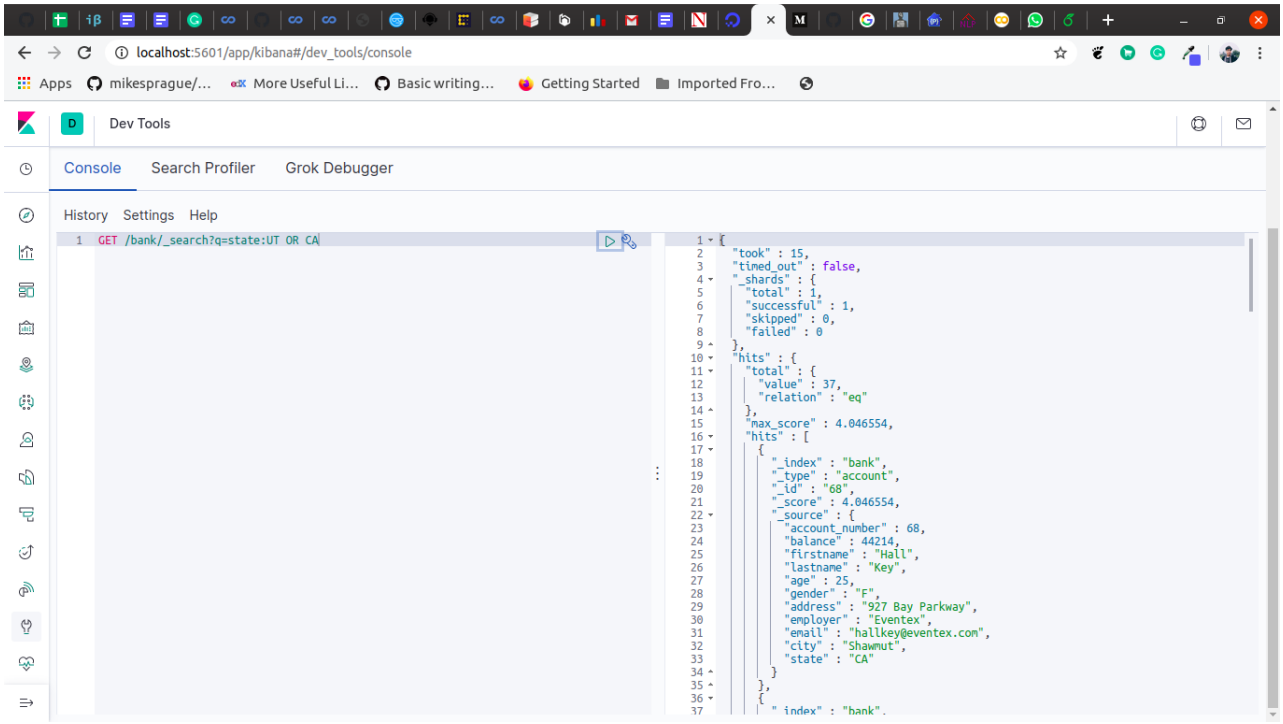
- Query1: "Age>=20 AND <=25"



- Query2: "state: TN AND gender:F"



- Query3: "state: UT OR CA"



- Example of QueryDSL