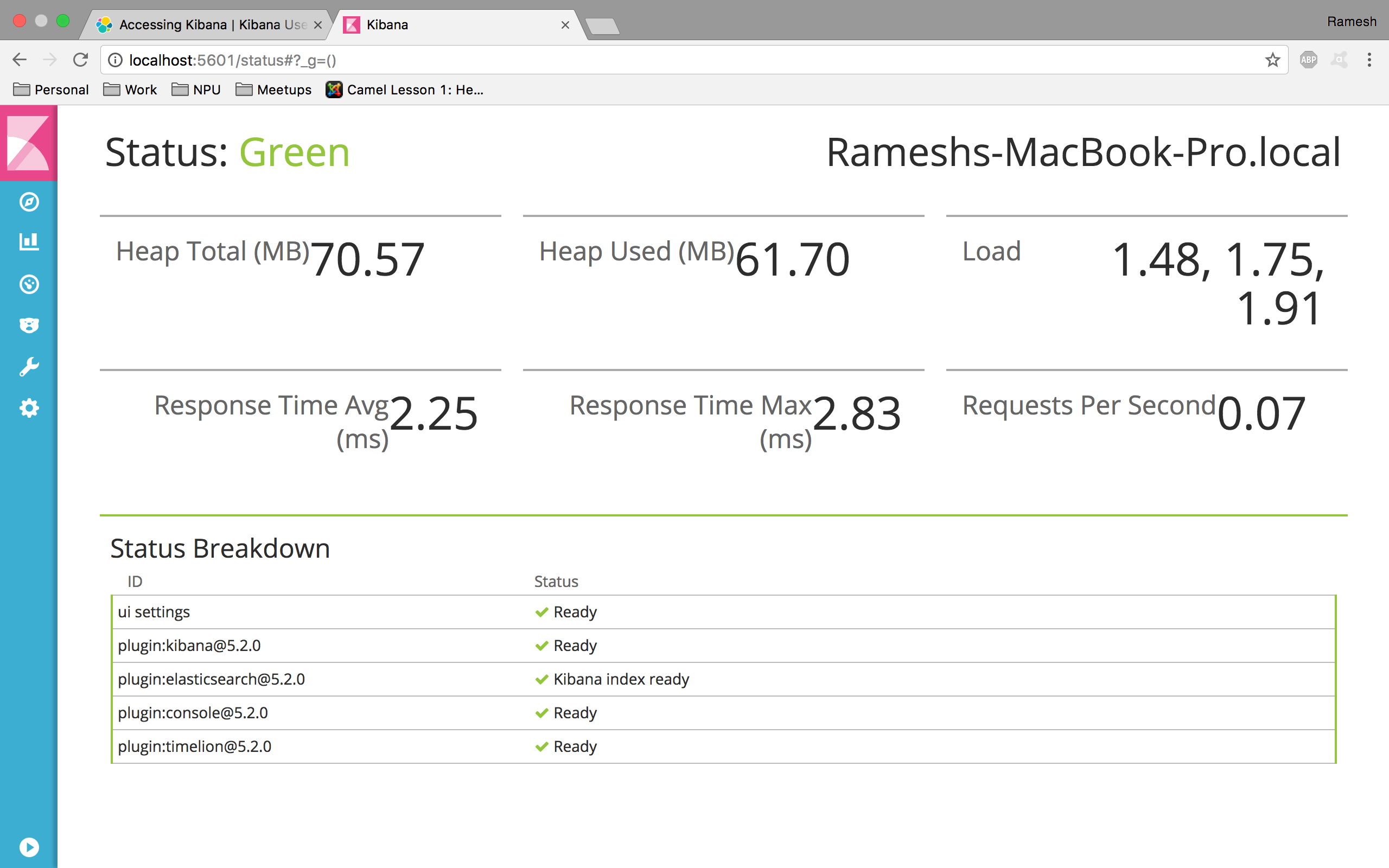
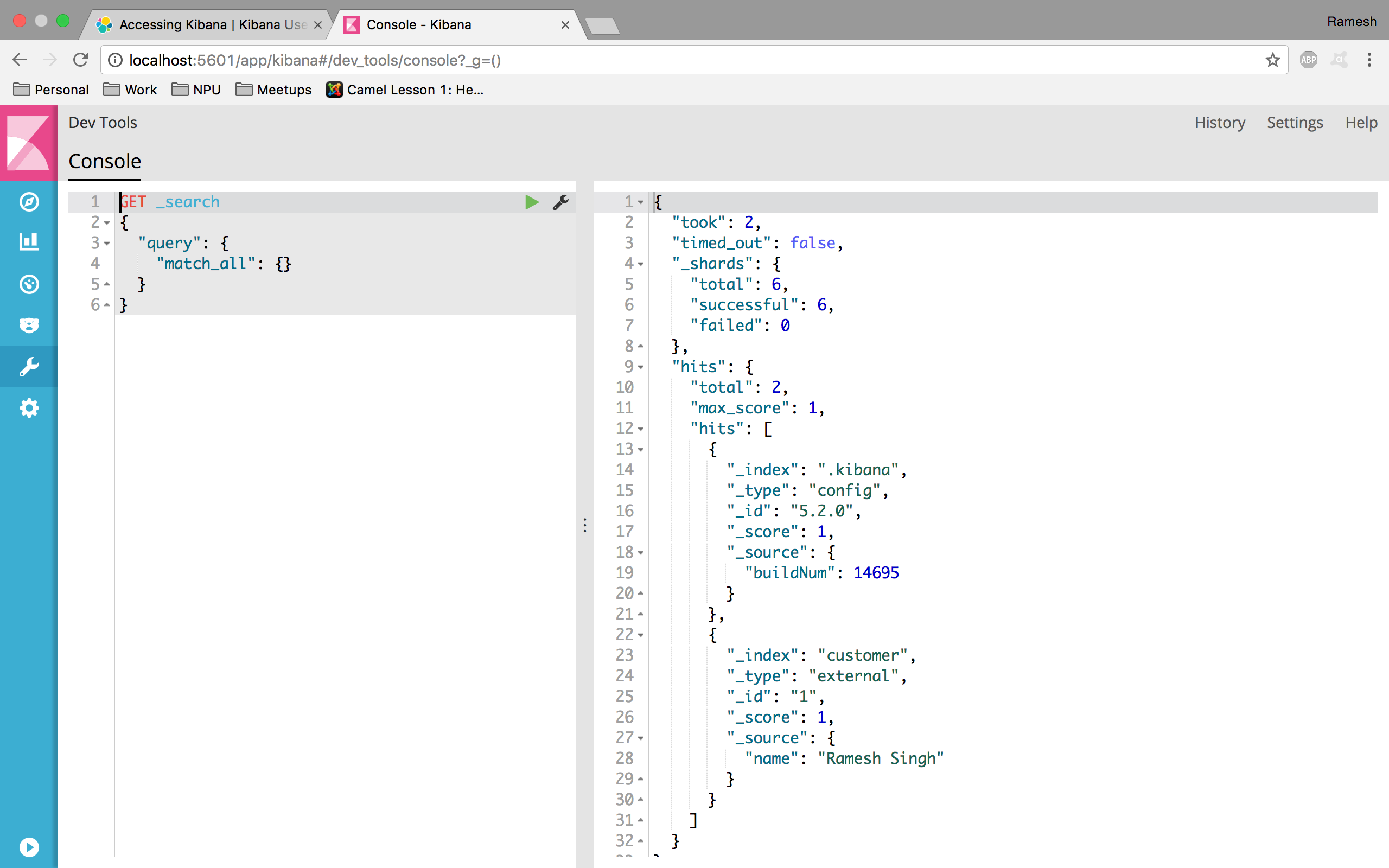
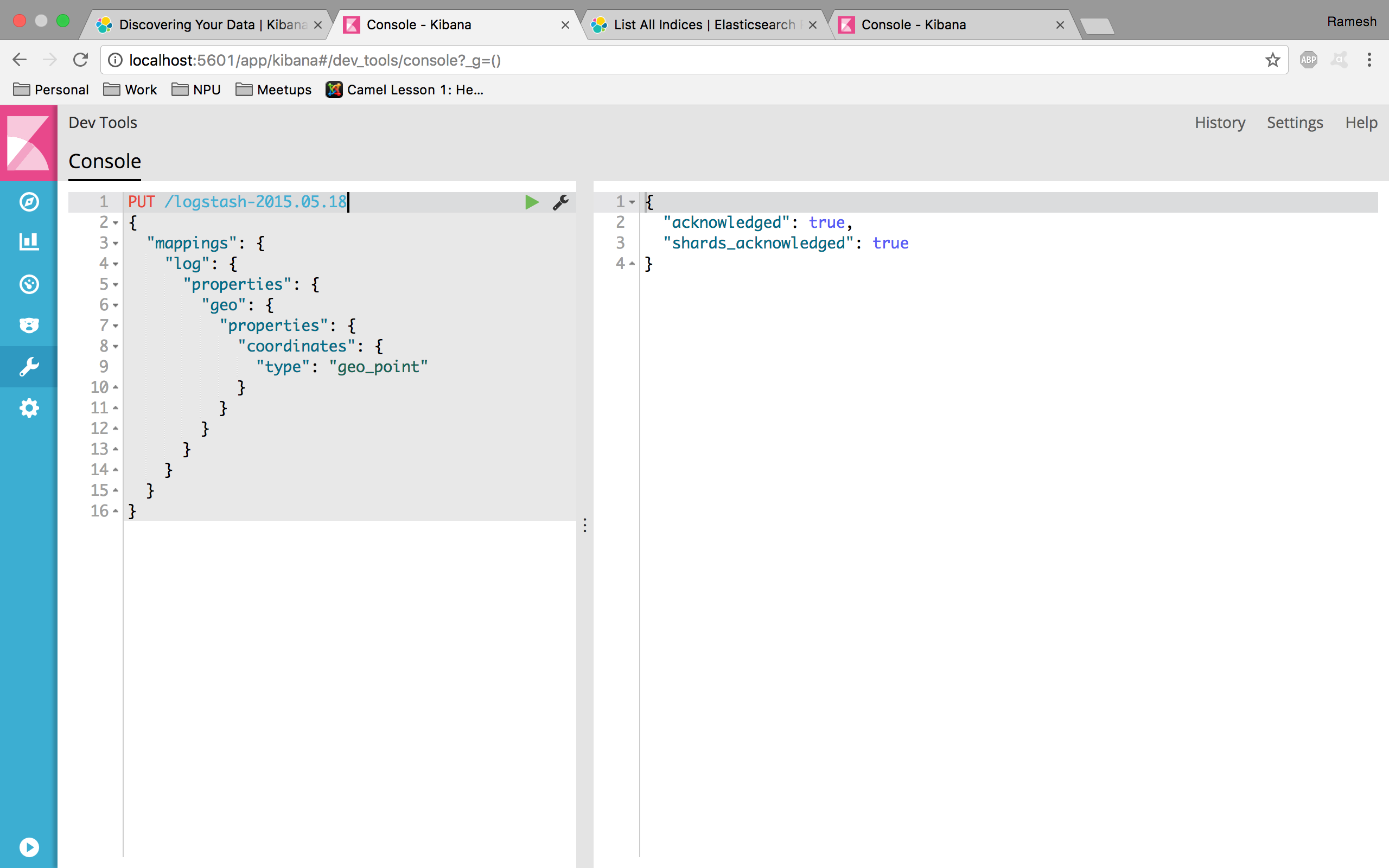
**Kibana setup on local machine:**

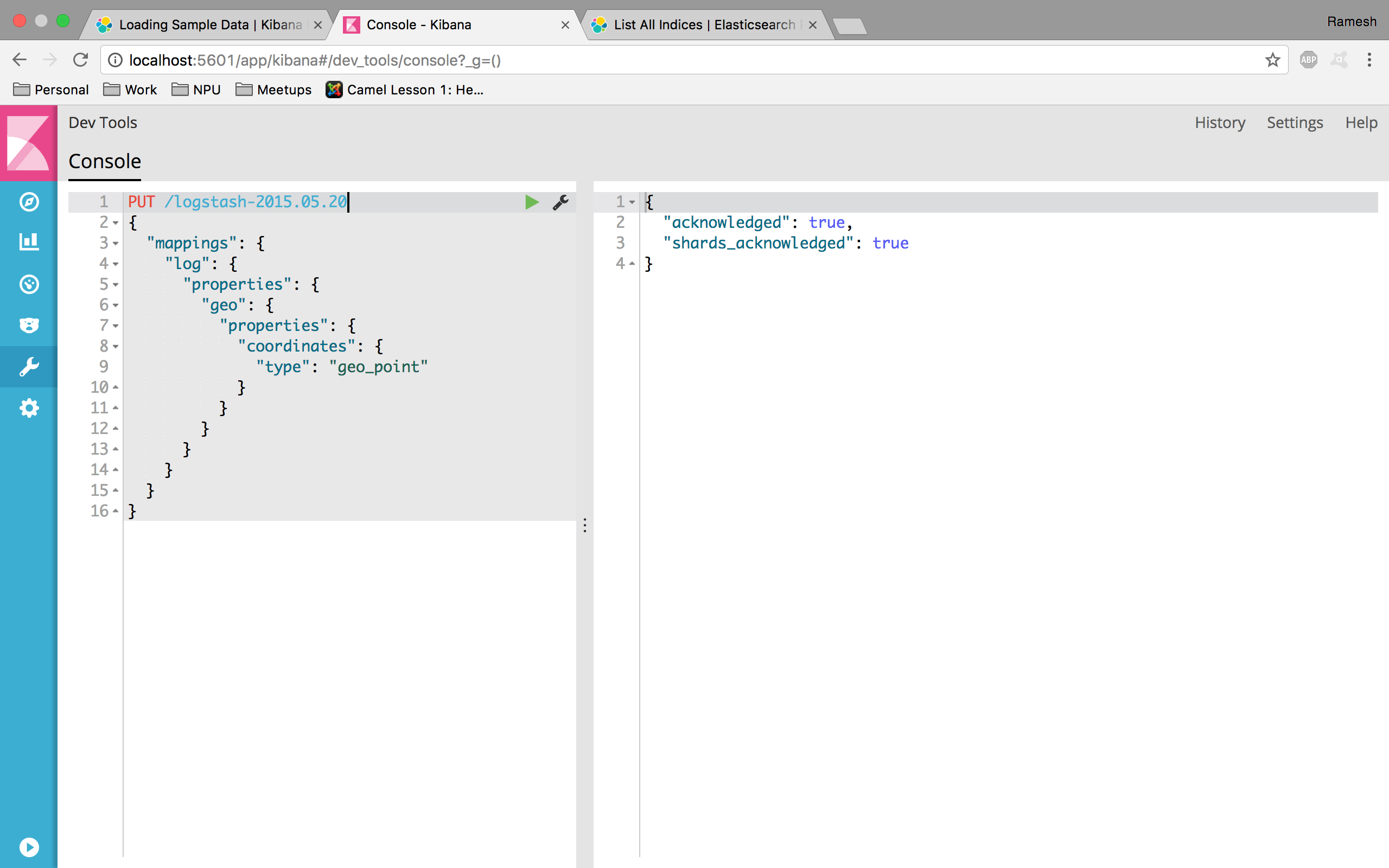


**Fetch all documents in all indices from elasticsearch server:**



**Create Logstash Indices:**

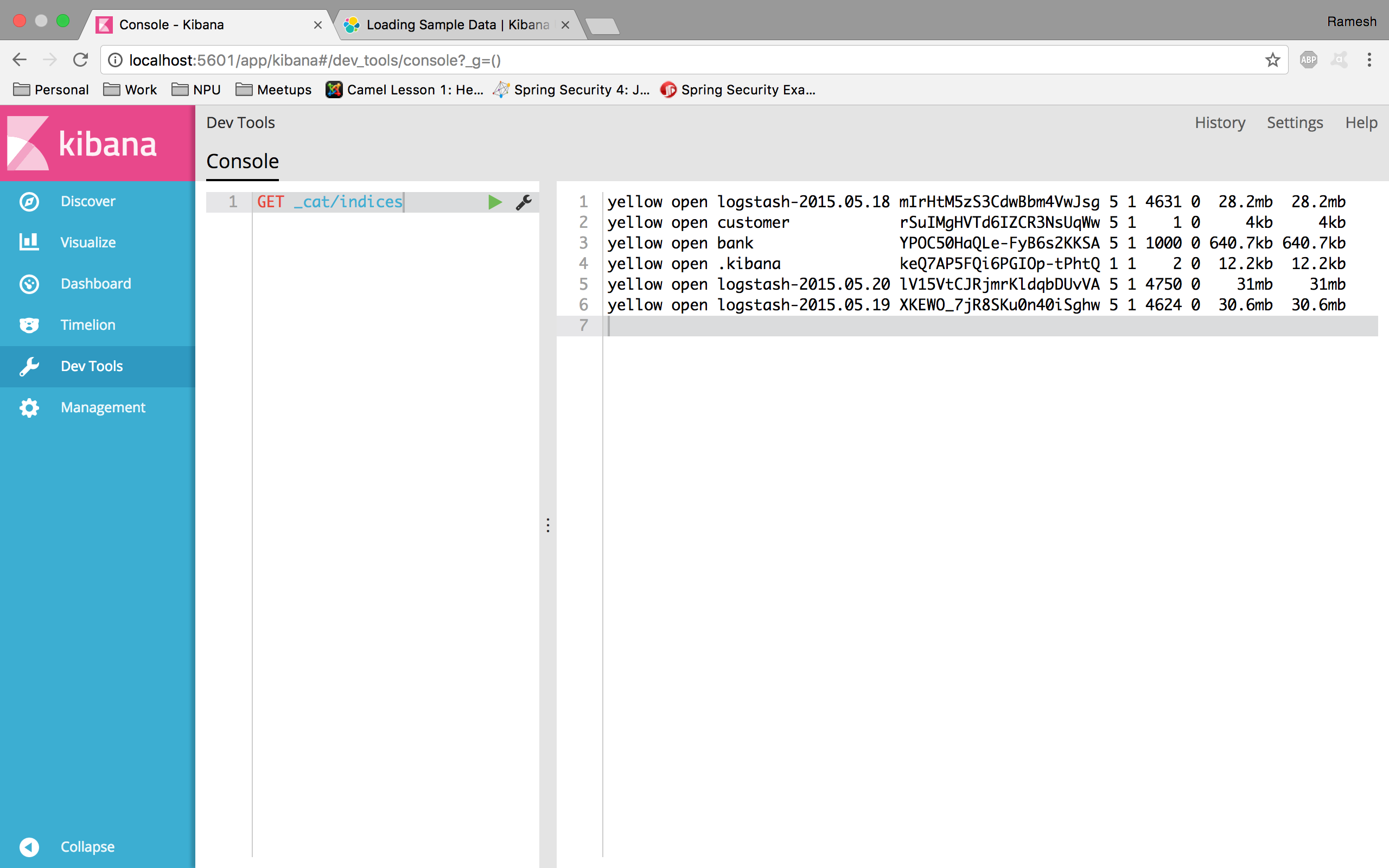




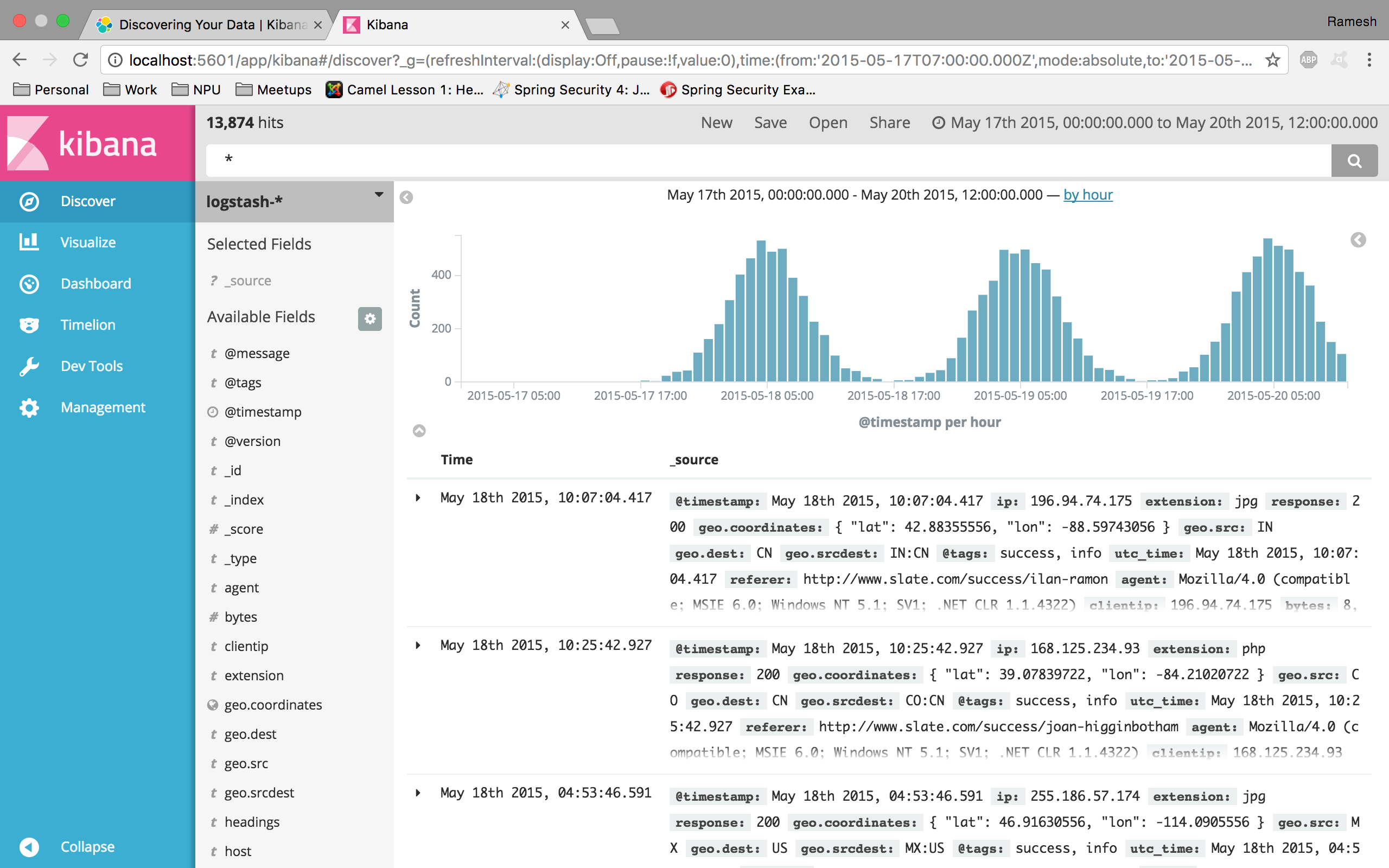
**Load account documents from JSON file in bank index using bulk API:**



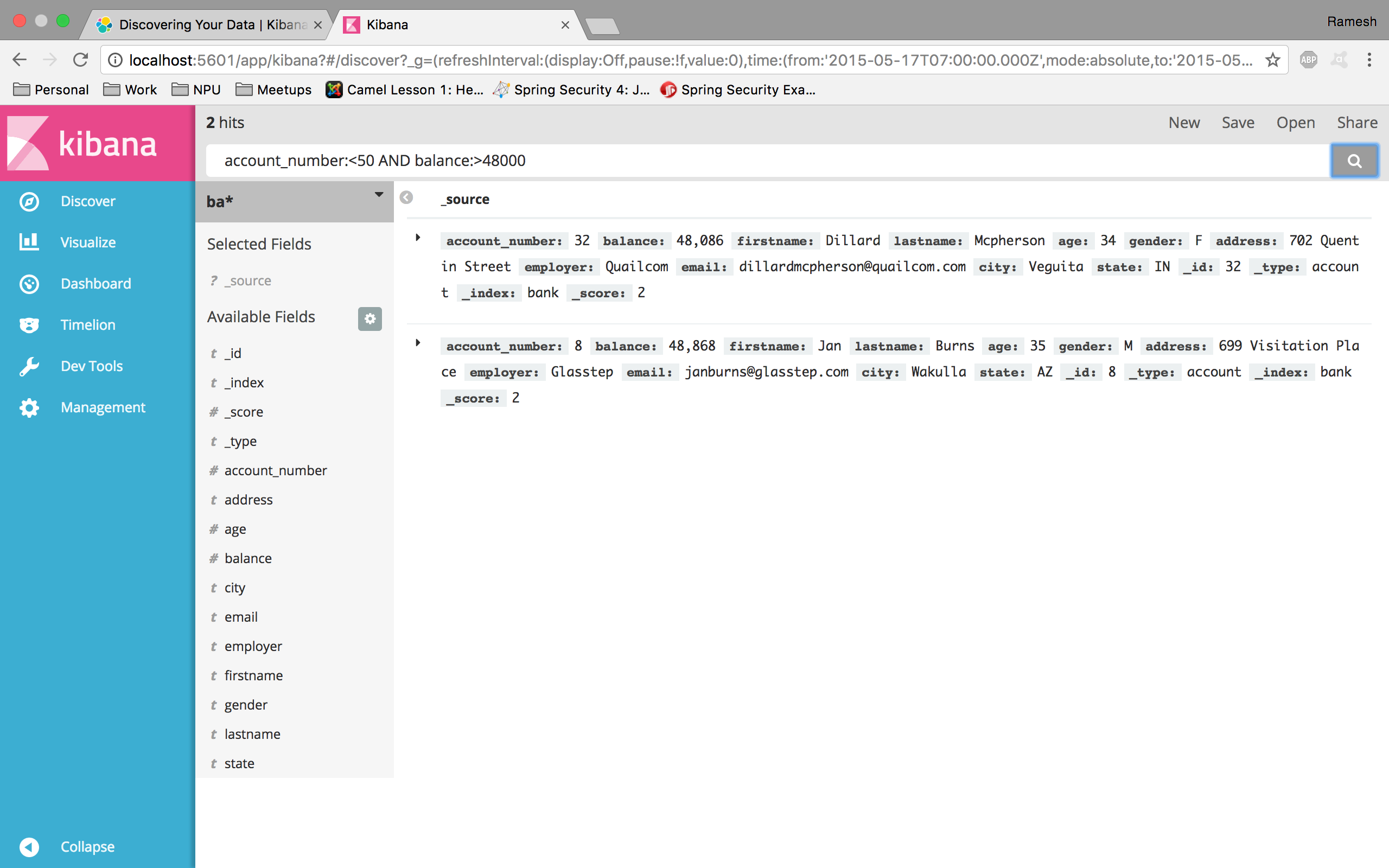
**List all indices in Elasticsearch cluster using REST API DSL Query:**

****

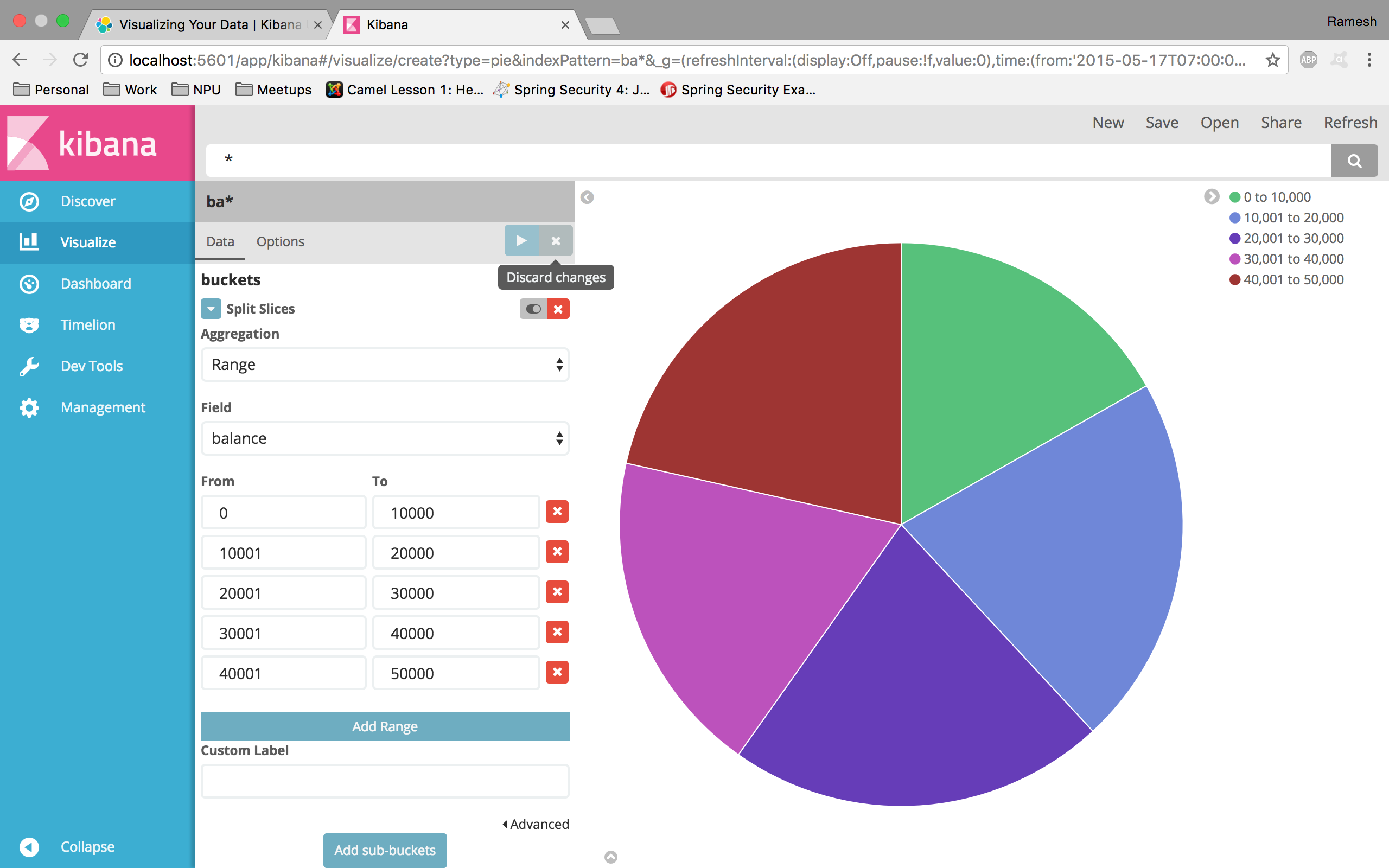
**Log messages count per hour between 17 May 2015 to 20 May 2015:**

****

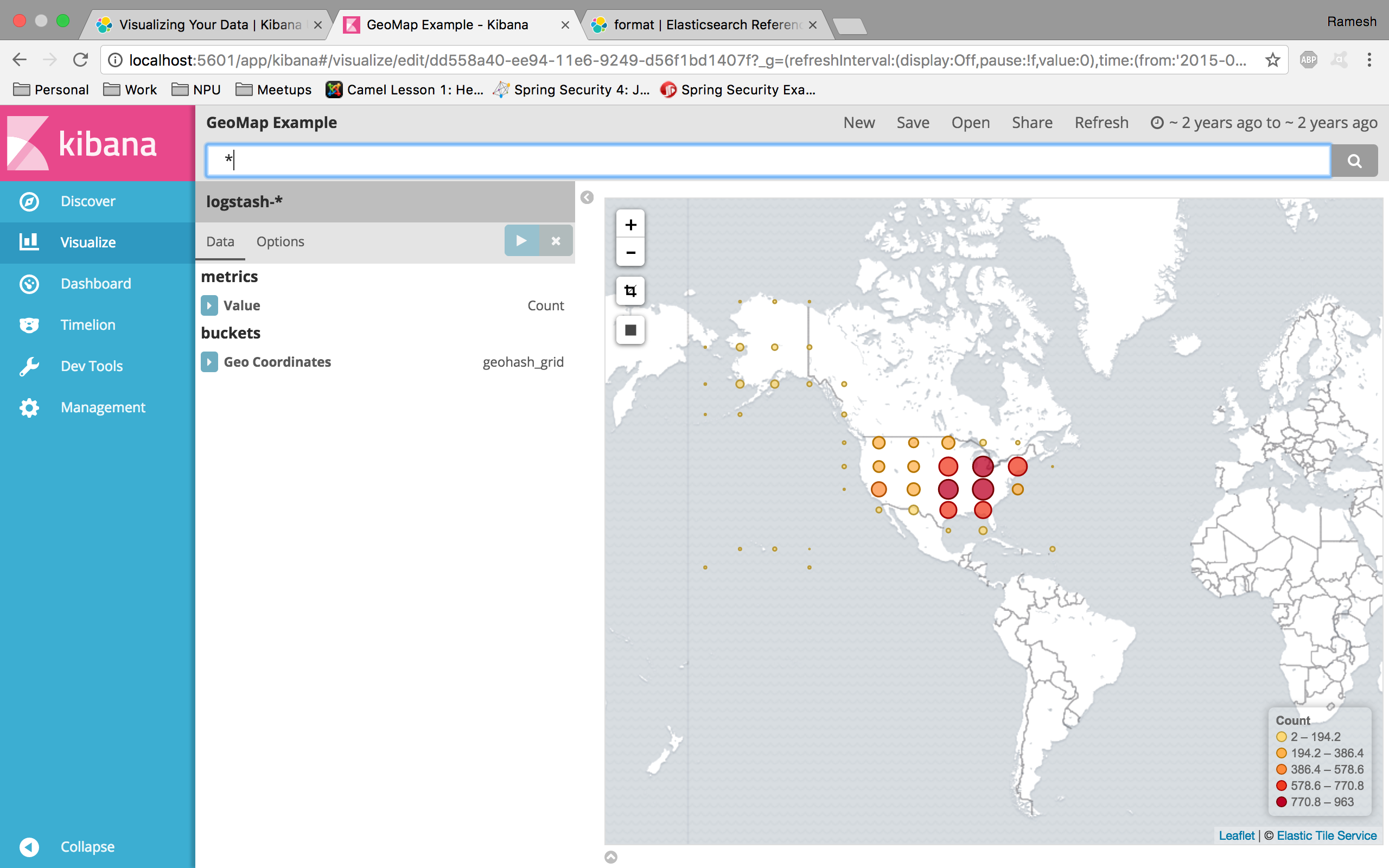
**Accounts where account\_number < 50 and balance > 48000:**

****

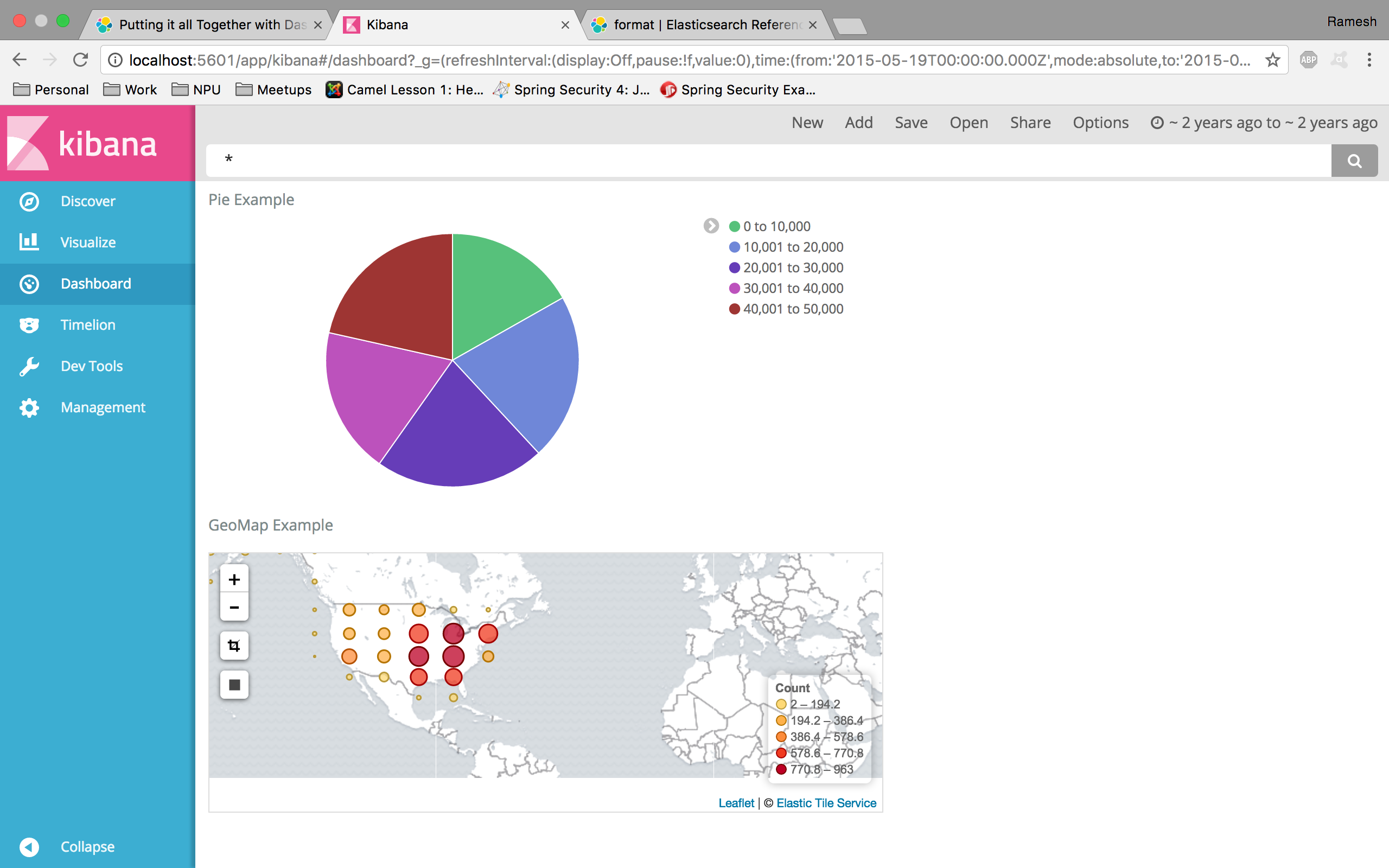
**Pie Chart of accounts according to their balance:**

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**GeoLocation map of logstash messages:**

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**Dashboard containing Pie chart and Geolocation map created in previous steps:**

****