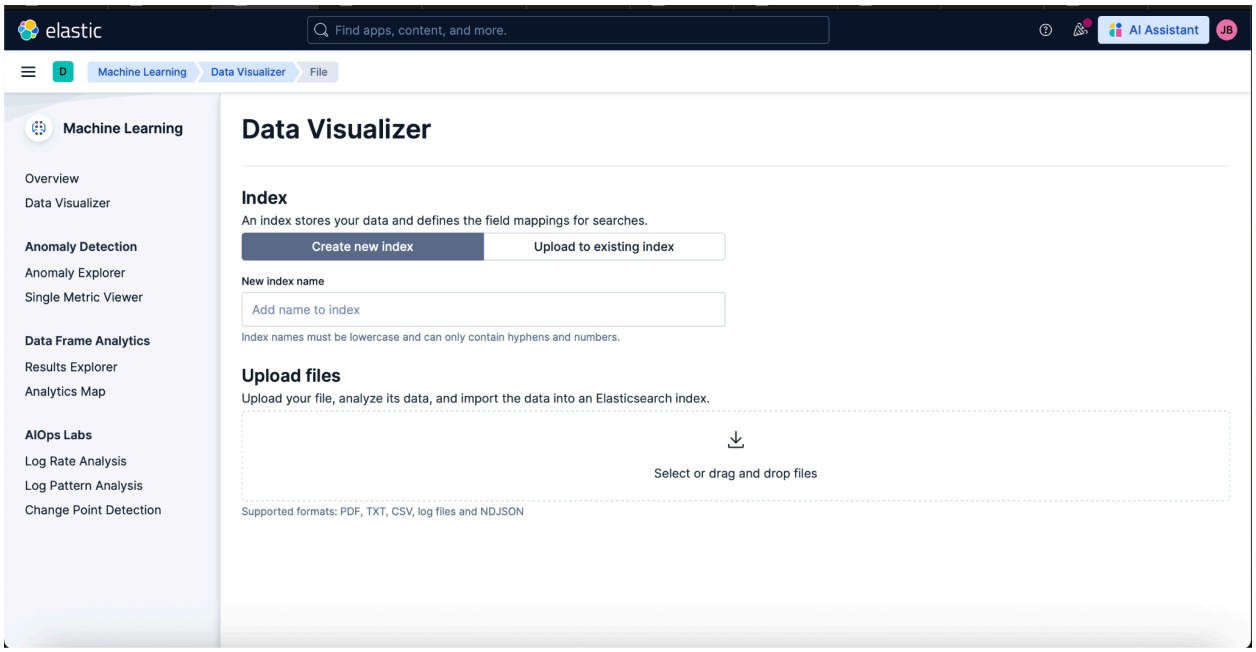
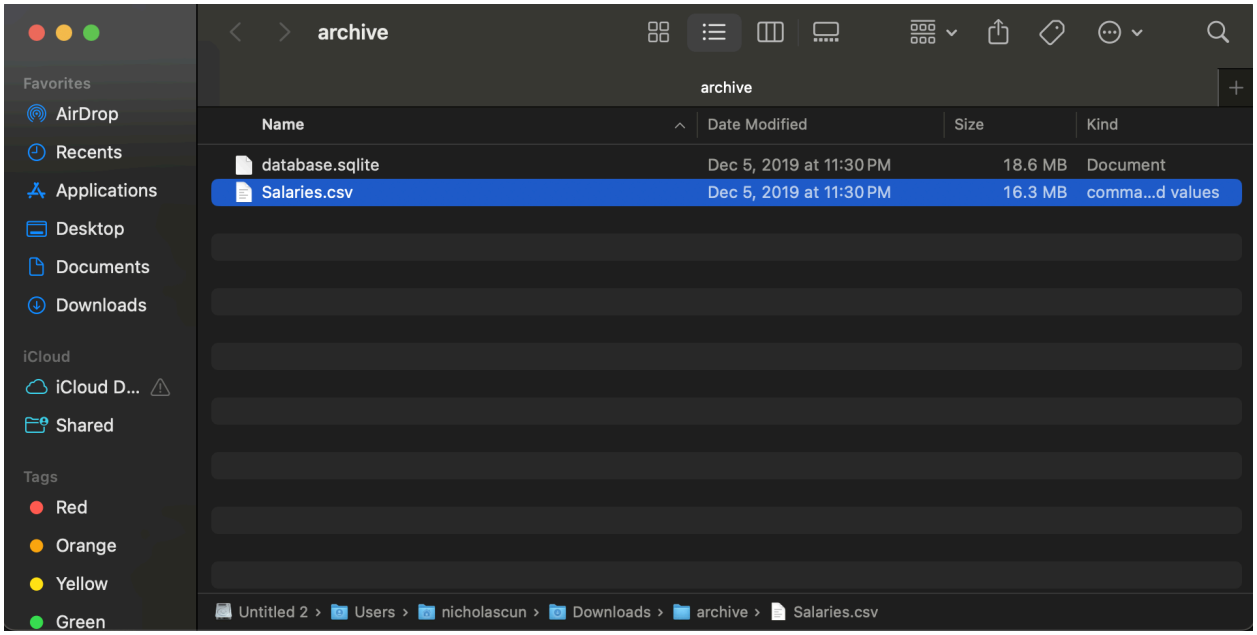
Creating a Tree Map to visualize the most popular job titles

Step 1: First, go to this link and download the salaries dataset
https://www.kaggle.com/datasets/kaggle/sf-salaries

Step 2: Then go to machine learning / data visualizer to upload the dataset that was downloaded.



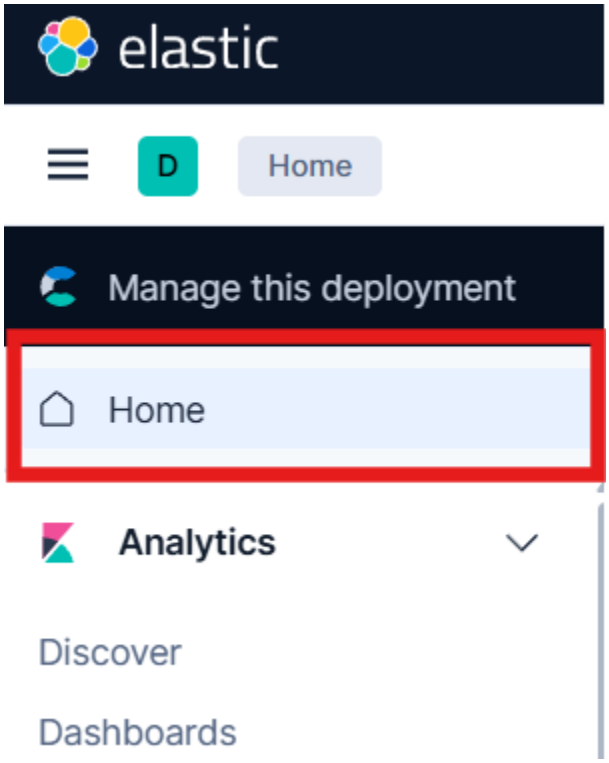
Make sure to choose the .csv file



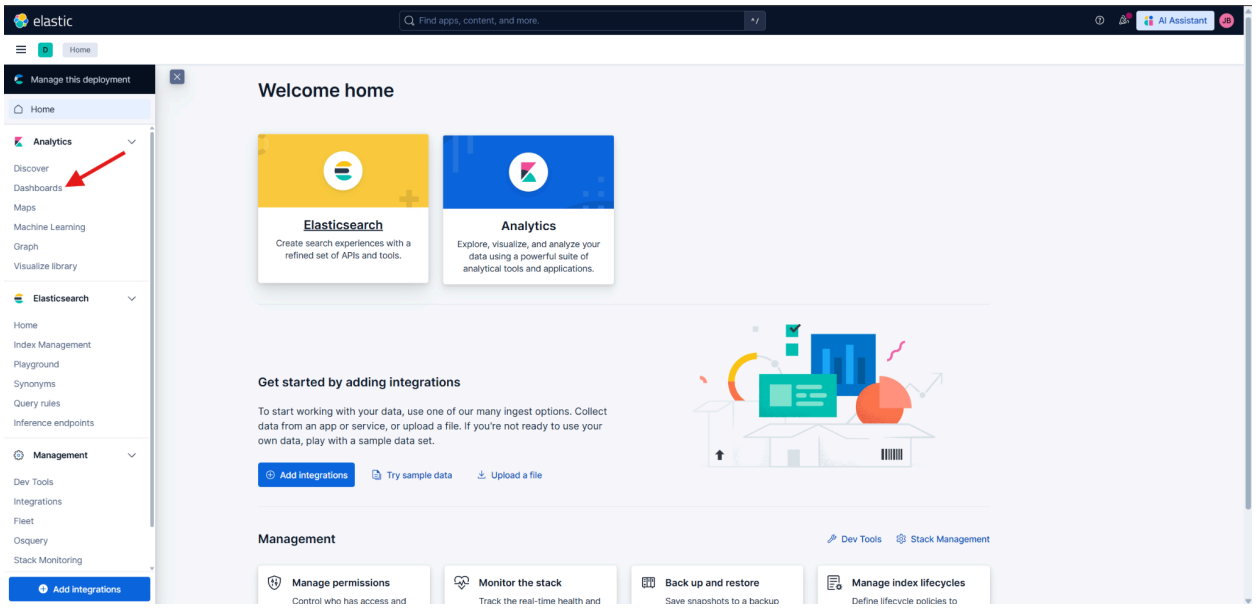
Step 3: Go to Dev Tools and run these two functions in order to include the job title in the ML model. Having the original JobTitle in its text form will produce an error in the ML model, so we need to make a keyword version of it to use instead.

```
PUT sf_salaries_fixed
{
 "mappings": {
   "properties": {
     "JobTitle": {
       "type": "text",
       "fields": {
         "keyword": {
           "type": "keyword"
         }
       }
     }
   }
 }
}
POST _reindex
{
 "source": {
   "index": "sf_salaries"
 },
 "dest": {
   "index": "sf_salaries_fixed"
 }
}
```

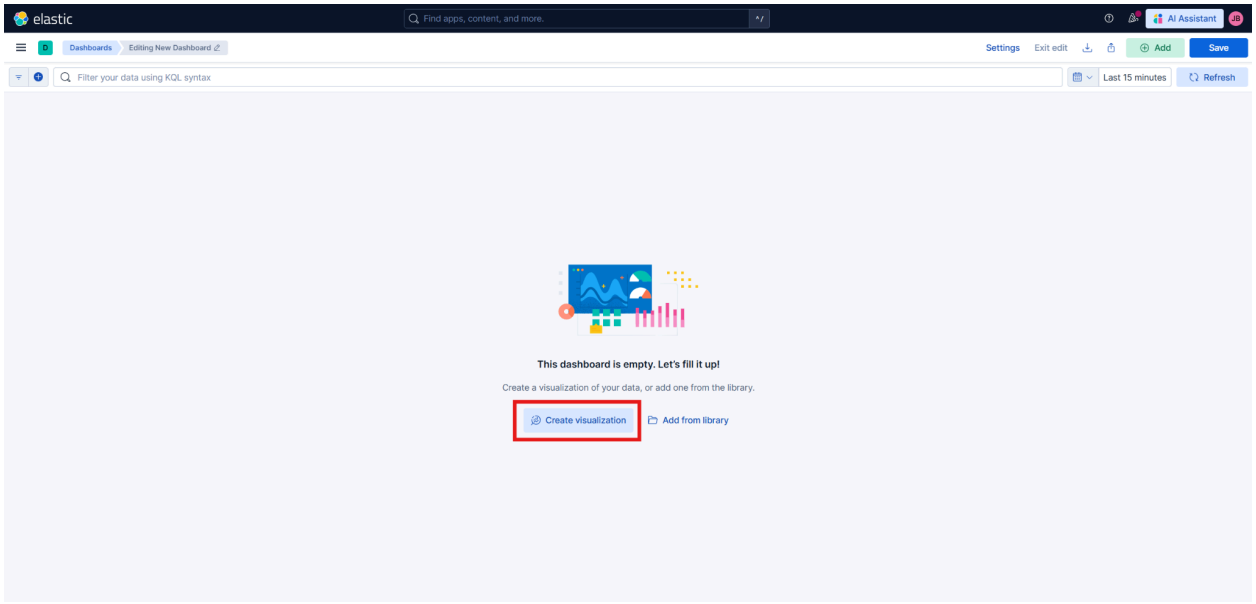
Step 4: Go to “home” from the hamburger menu.



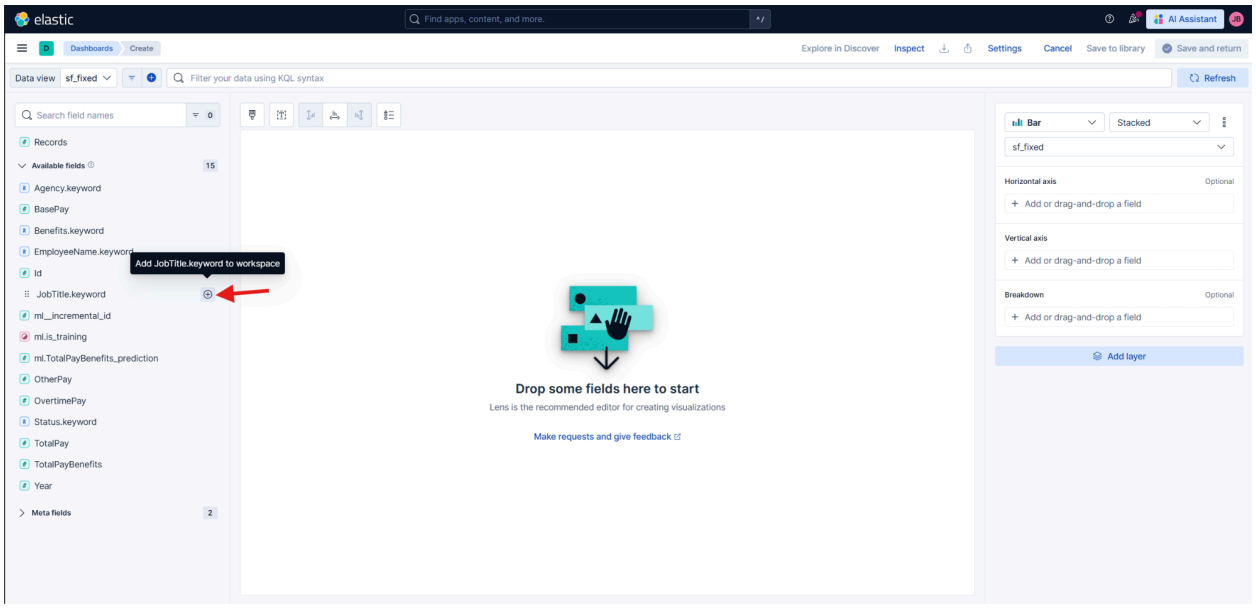
Step 5: Go to Analytics > Dashboard.



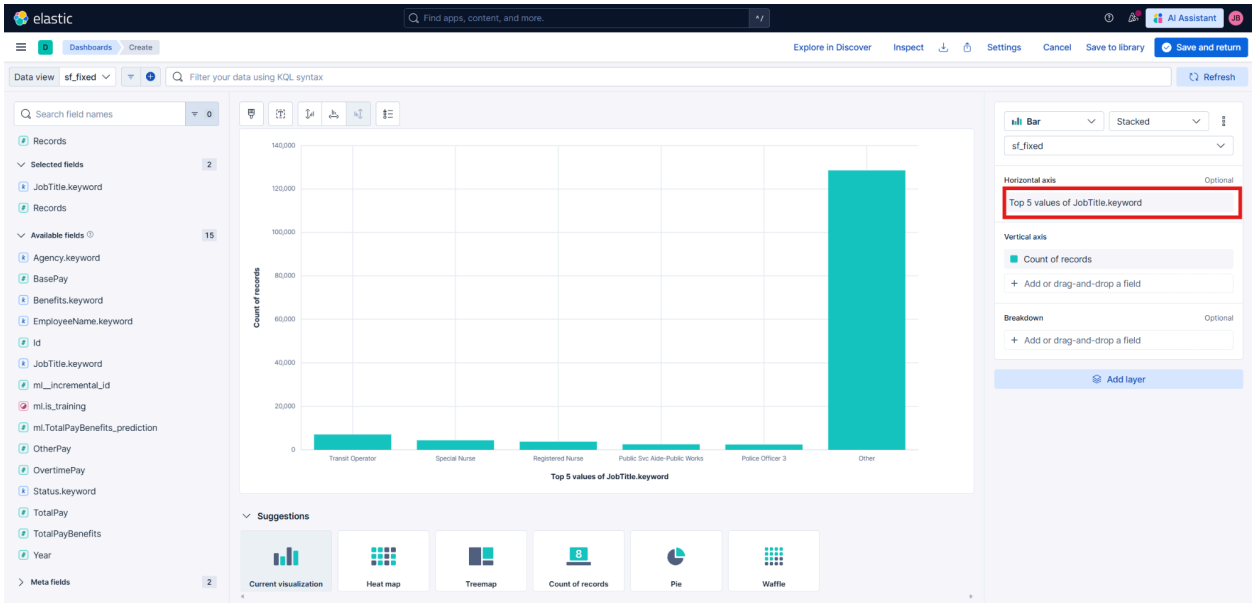
a. Select Create Dashboard.
b. Select Create visualization.



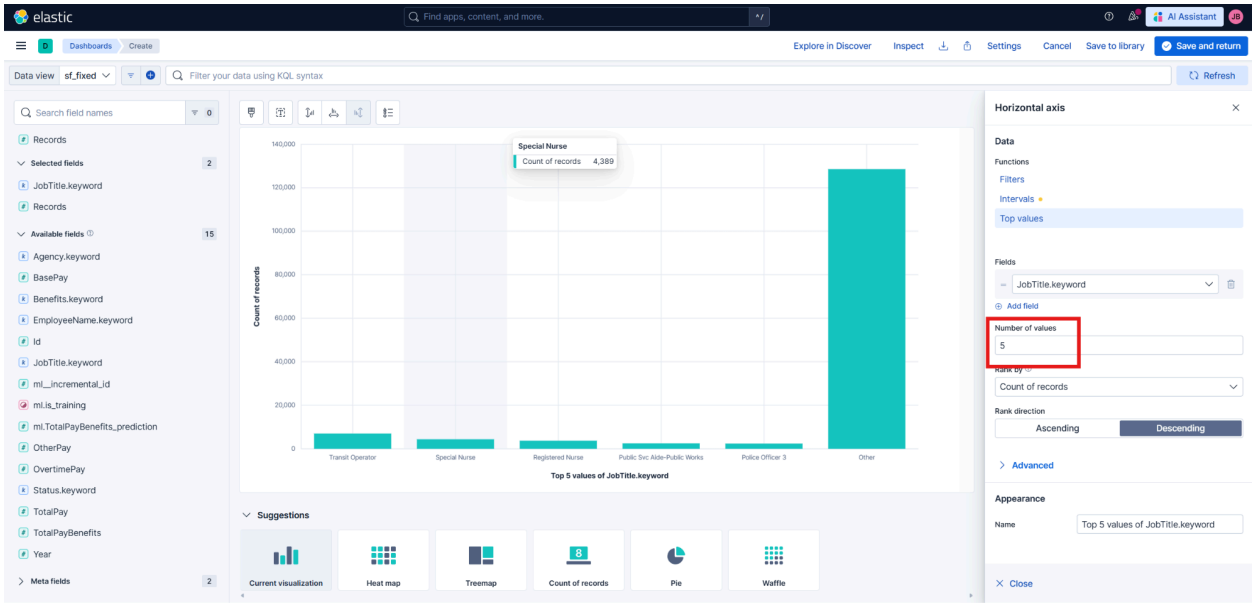
Step 6: Select the “+” symbol that appears when you hover over “JobTitle.keyword”.



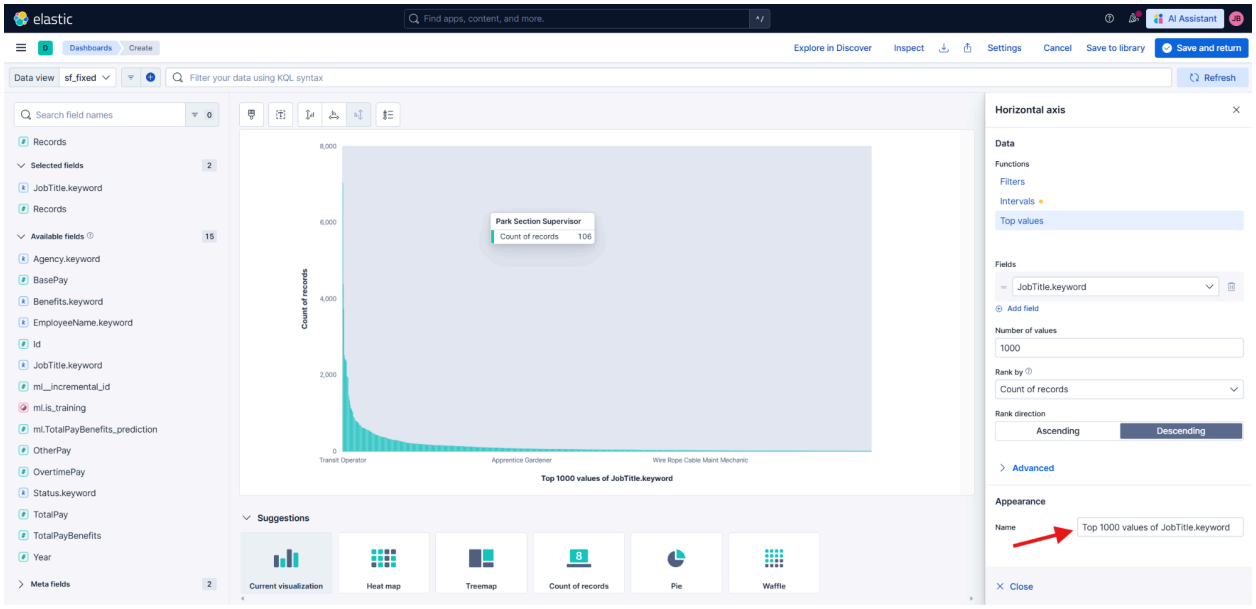
Step 7: Select the Horizontal axis “Top 5 values of jobTitle.keyword”.



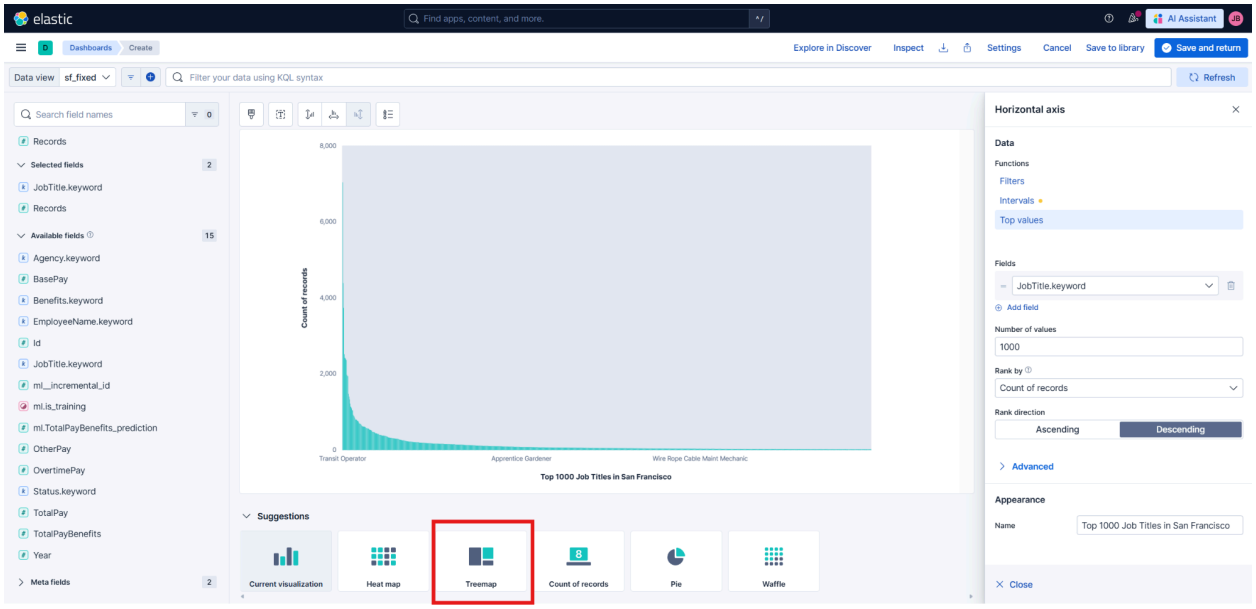
Step 8: Change the “Number of values” to 1000.



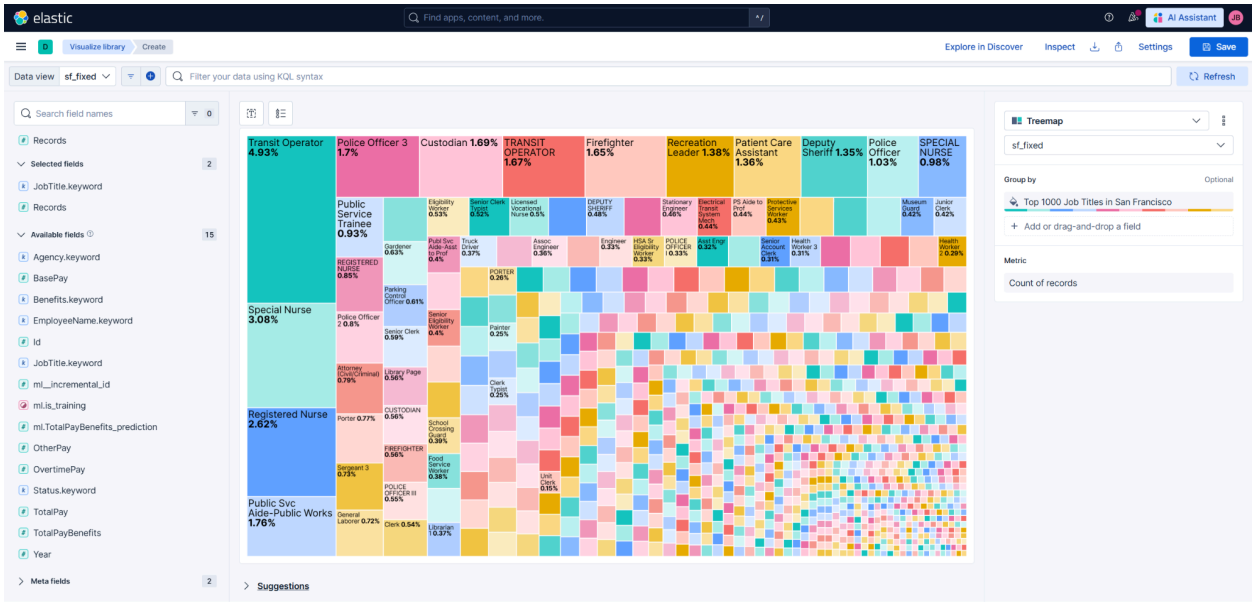
Step 9: Change the name of Appearance to “Top 1000 Job Titles in San Francisco”.

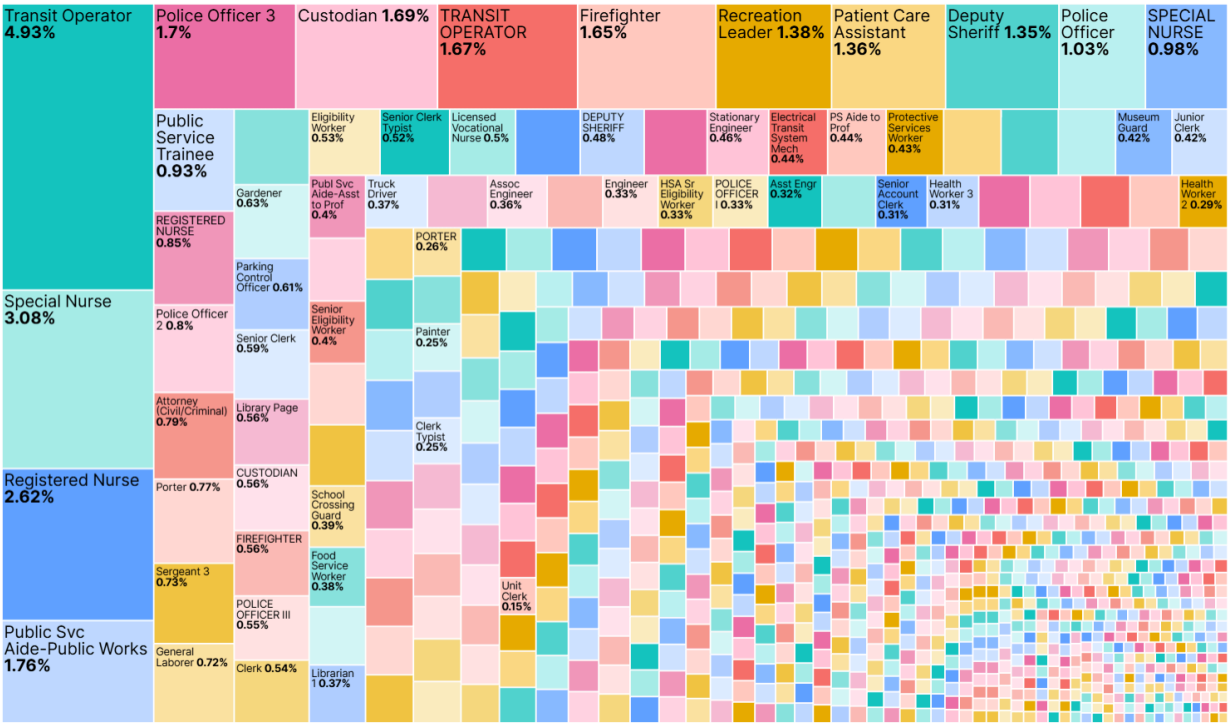


Step 10: select “Treemap” in the suggestions.



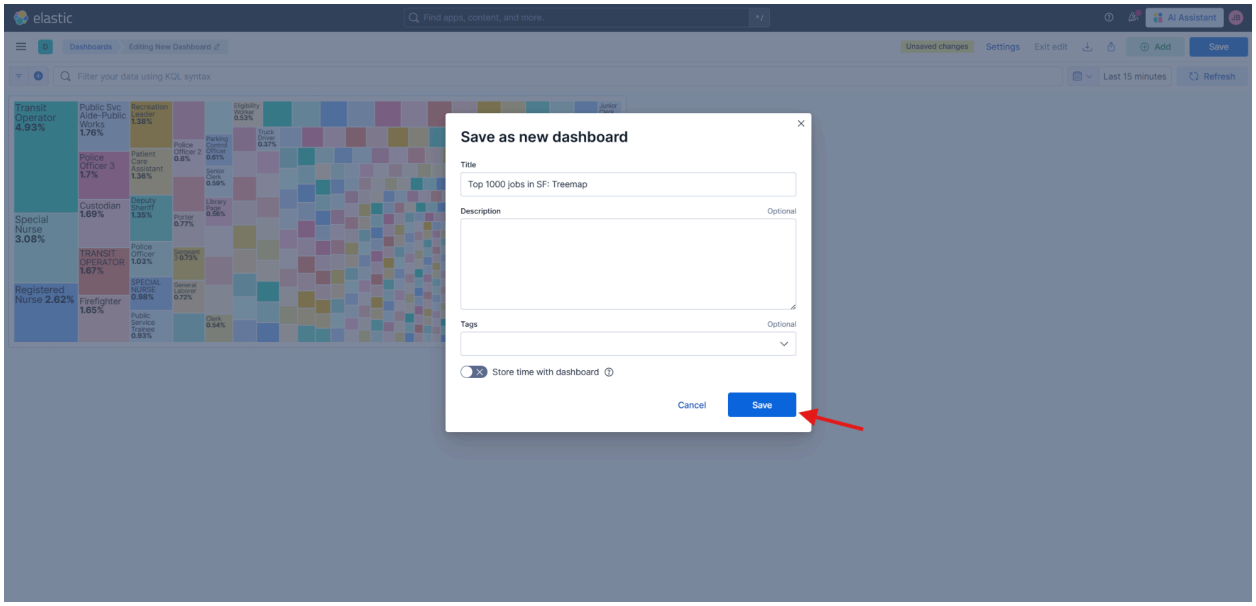
Step 11: select “Save and return”.





Step 12: Select “save” on the top right corner.

a. Title the new dashboard: “Top 1000 Jobs in SF: Treemap”.
b. Select save.



**********This concludes the top 1000 jobs treemap tutorial**********