**Project Status**

This project is not fully complete. The chart is not showing up and visuals are not updating with dropdown selection. Feel free to finish this project if you can and/or would like to.

**Project Title**

Grazioso Salvare Dashboard

**Motivation**

The dashboard is meant to utilize information from shelters and then categorize the animals along with showing their found location on a map when you click on the animal’s information. The dropdown has the three categories that different breeds, sex, and age are put into based on the chart provided by Grazioso Salvare. The different selections in the drop down were also supposed to update a chart.

**Installation**

**Requirements**

* MongoDB
* This link provides directions and other necessary information for downloading and installing MongoDB: <https://www.mongodb.com/docs/manual/installation/>
* An excel sheet was used to house the data of the Database (AAC) ,which the program read.
* Jupyter Notebook
  + This link provides necessary information for downloading and installing Jupyter Notebook: <https://jupyter.org/install>
  + You will need to install Dash, the link provided gives information on how to do that: <https://pypi.org/project/jupyter-dash/>

**Getting Started**

* Download your csv (excel) file and upload into MongoDB using mongoimport.
* Access the mongo shell, type is [use admin] and create a new user account (Ours’ needed to be aacuser) that will be used to access the AAC database.
* Create a py file within Jupyter Notebook that will house your CRUD operations to use with the database.
* Create and ipynb files within Jupyter Notebook. This file will contain all of the Dash components to create the dashboard and will utilize your py file to access the database

**Usage**

**Code Examples**

* MongoDB

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* Python CRUD (py file) accessing database

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* ipynb file accessing py file

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**Dashboard Screenshots**

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Resources:

<https://dash.plotly.com/dash-core-components/dropdown>

Example code provided within assignment guidelines/break down of graded work

<https://community.plotly.com/t/graph-not-updating-with-dropdown-menu/12768>