**README**

**#Grazioso Salvare Rescue Animal Database for Austin Texas**

This is a database created by Global Rain to help Grazioso Salvare in their mission to help find specific rescue animals for their tasks. This includes Water Rescue, Mountain or Wilderness Rescue, and Disaster or Individual Tracking.

**##Getting Started**

To get a local copy of this running, download the included .py and.ipynb files. After that, run the .ipynb file and it should open a local link to the Dash interface. If you’d like to change the database used, it is hard-coded near the top of the .ipynb file.

**##Tools**

MongoDB to handle the database of animals. It was chosen for its ease-of-use and ability to work with python for easy sorting of data.

Dash is used to create a web-interface that users will interact with. This allows us to give an easy way to view and customize the data in front of us.

Python was used for the CRUD application of the database.

**##Usage**

To use, open the local dash interface and it should automatically populate with all the animals near Austin Texas. There are radio dials that can be pressed that allow for easy sorting of the database.

A close-up of a card

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There is a pie chart at the bottom left that will show the distribution by breed for each selected Rescue Type.

A pie chart with numbers and a few different colored circles

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You can select any animal from the database to see their current location on the map at the bottom.

The logo in the top left can be clicked to redirect to the SNHU website

**A screenshot of a map

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**A screenshot of a map

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**A screenshot of a computer screen

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**A screenshot of a map

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