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SNHU

CS 340

Project 2 README

This app allows a user access to a database of animals in CS 340 Austin Animal Center to search the database. You search using a filter for animals with Grazioso Salvare, the requester of this project, to create a dashboard. Additionally, this project allows a user to benefit from geolocation mapping, user interaction, and charts to locate and utilize animals for search.

This program was designed to test my skill working with databases and manipulating the data within. Python was chosen as the language to drive for mongodb. Python is easily written, manipulated and works well with mongodb.

Getting Started

To get this program started you would first,

1. import the csv file aac\_shelter\_outvome.csv.

2. create a simple index to parse the data stored within the document.

3. Now to authenticate a user would want to create an account to access the database.

4. type in dash address to connect.

Installation

A current version of Python and Jupyter Notebook to run both the .py and the. ipynb files.

Access to the PyMongo, Dash, Plotly, Pandas, And Leaflet libraries to create functions in the dash.

MongoDB - to access the database.