## About the Project/Project Title

Web Application Dashboard that can work with existing data from the animal shelters to identify and categorize available dogs that are good candidates for search-and-rescue training.

## Installation

The tools you will need for this project are:

MongoDB <https://www.mongodb.com/>

Python <https://www.python.org/downloads/>

Database Reference: Austin Animal Center. (2020). *Austin Animal Center Outcomes* [Data set]. City of Austin, Texas Open Data Portal. <https://doi.org/10.26000/025.000001>

Pymongo *- Run the command “pip install pymongo” in your terminal*

MongoDB and Python were specifically chosen for their easily accessible frameworks and integreation properties. MongoDB runs Python to PyMongo, which is able to test scripts against the database.

To Get Started:

Import a CSV into Linux A screenshot of a computer screen

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Add A New User – db.createUser() Command Prompt in Mongosh

Then Check to make sure the new user is added by user the db.getUsers() cCommand Prompt in Mongosh

A picture containing text, screenshot

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## Usage

Next Create a Crud Test Script (Example Shown Below)

This screenshot also shows how to call for your dataset to be tested and how to connect to the MongoClient

Below that is a picture of the Dash Framework for the Web Application Dashboard

A screenshot of a computer program

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## Snippet of Dashboard Layout

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## Feedback:

I struggled to overcome using the crud testing script against the database, as well as, against the dash framework.

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## Contact

Your name: Alexandra Collier

**References**

*Mastering CRUD Operations* . MongoDB CRUD Operations - MongoDB Manual. (n.d.). https://www.mongodb.com/docs/manual/crud/

*Alex Giamas. (2022). Mastering MongoDB 6.x : Expert Techniques to Run High-volume and Fault-tolerant Database Solutions Using MongoDB 6.x: Vol. Third edition. Packt Publishing.*

*Hello dash*. Plotly. (n.d.). https://dash.plotly.com/layout