



## CS 340 README Template

*Use this template to complete your README file. When completing the template, keep the headings as they are so that your document has a clear organization. Remove the italicized prompt text after you have completed each section for a polished final document.*

### About the Project/Project Title

This project implements a dashboard to view and manipulate data for Grazioso Salvare using databases created by several animal shelters in the Austin, Texas area. This project utilizes the MongoDB structure, driven by a created CRUD module in Python used by a locally hosted, web-based dashboard. This project includes features to analyze and manipulate data such as filters, data point mapping, and data modelling.

### Motivation

This project was started by Grazioso Salvare, a company committed to identifying dogs suitable for search-and-rescue training. This project happened in coordination with several non-profit animal shelters in the Austin, Texas area. The purpose of this project was to utilize databases provided by these shelters to create a dashboard that included several data manipulation tools. Grazioso Salvare wanted a way to filter the database based on criteria for the following search and rescue cases: water rescue, mountain/wilderness rescue, and disaster rescue/individual tracking. Additionally, the data table includes selectable rows to show the location of each animal on a map and a graph showing the breakdown of each animal by breed. This allows for easy, usable access to the shelter's database and allows for productive, and efficient animal identification and acquisition.

### Getting Started

The first thing that is needed for this project is the .csv file that this data is based on. This data is then added to the MongoDB database using the MongoShell and a created user login. Next, the animalShelter.py file must be downloaded and placed in the same directory as the ProjectTwoDashboard.ipynb file so that the dashboard can access the crud module. Next, the ProjectTwoDashboard.ipynb file must be opened in the Jupyter Notebook environment. From here, press run and click the local host link to access the dashboard. Installation procedures for each external resource is explained in the next section.

### Installation

There are several pieces of software that are utilized in this project, they will be listed with their usage justification and steps to acquire the software below:

- **MongoDB:** This is the database framework utilized in this project. This framework was chosen due to the flexibility of schemas for MongoDB databases, the easy scaling potential, and the functionality of Python Scripts in conjunction with the database. MongoDB can be installed online for several platforms such as Linux, Windows, and Mac. The link to the download MongoDB is: <https://www.mongodb.com/try/download/community>
- **Spyder IDE:** This is the integrated development environment used to create the CRUD module which drives the web-based application. This IDE is great for data analysis scripting and is a great choice for this scenario. The link to download Spyder is: <https://www.spyder-ide.org/>

Note: This template has been adapted from the following sample templates: [Make a README](#), [Best README Template](#), and [A Beginners Guide to Writing a Kickass README](#).

- **Python 3.9.12:** This is the version of Python utilized in this project. The Python language is used to create the CRUD module and the construction of the dashboard. The link to install Python is: <https://www.python.org/downloads/release/python-3912/>
- **Jupyter Notebook:** Jupyter notebooks are used to create the dashboard and its attributes. It is another Python IDE but allows for web-based applications to be hosted from it. Jupyter Notebook can be installed using the following code block in a Python script:  

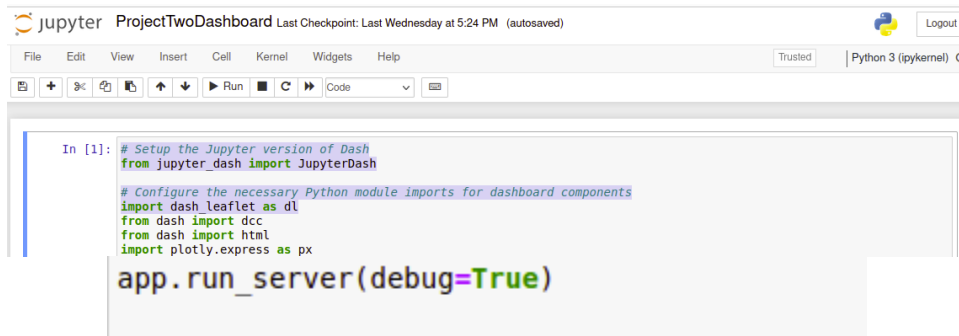
```
pip install notebook
```
- **Dash Framework:** The Dash Framework is the framework used to control, create, and host the dashboard. This framework allows for a combination of html code to create the dashboard and Python code to create the logic of the dashboard. The Dash Framework can be installed from the following code block in a Python script:  

```
from dash import Dash
```

## Usage

### Accessing the Dashboard

To access the dashboard first press the run button then click the local host link. Screenshots of this is shown below:



```

In [1]: # Setup the Jupyter version of Dash
from jupyter_dash import JupyterDash

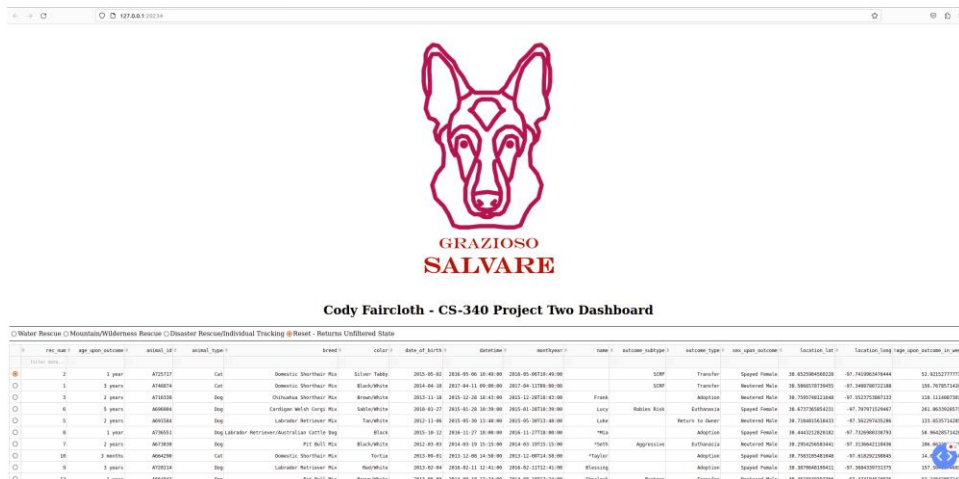
# Configure the necessary Python module imports for dashboard components
import dash
import dash_leaflet as dl
from dash import dcc
from dash import html
import plotly.express as px

app.run_server(debug=True)

```

Dash app running on <http://127.0.0.1:20234/>

After clicking this link, you should be connected to the dashboard. It should look like the following screenshot:



**GRAZIOSO SALVARE**

**Cody Faircloth - CS-340 Project Two Dashboard**

id	enc_num	age_upon_admission	animal_id	animal_type	breed	color	date_of_birth	date_lost	microchip	name	outcome_subtype	outcome_type	enc_upon_outcome	location_id	location_name	age_upon_outcome_in_weeks
2	1 year	AT027527	cat	Domestic Shorthair	Black/White	2010-05-02	2010-05-02 10:40:00	2010-05-02 10:40:00		Scout	Transfer	Spayed Female	30	402500400000	47-14290047444	52.52327777777778
3	2 years	AT030306	cat	Domestic Shorthair	Black/White	2010-04-10	2017-04-11 09:00:00	2017-04-12 09:00:00		Scout	Transfer	Neutered Male	30	3080107030405	47-1448007032388	156.70700714285714
4	2 years	AT030306	dog	Chihuahua Shorthair	Brown/White	2010-11-10	2010-12-10 10:40:00	2010-12-10 10:40:00	Frank	Adopted	Neutered Male	Adopted	30	7500100210400	47-1523701007123	110.111000700000
5	3 years	AT030306	dog	Cavalier King Charles	Black/White	2010-02-20	2010-02-20 10:40:00	2010-02-20 10:40:00	Larry	Relinquished	Euthanized	Spayed Female	30	4107004000000	47-1670101000000	362.000000000000
6	3 years	AT030306	dog	Labrador Retriever	Black	2010-11-06	2010-05-10 13:40:00	2010-05-10 13:40:00	Luke	Relinquished	Neutered Male	Adopted	30	7500100210400	47-1620101000000	133.000000000000
8	3 years	AT030306	dog	Labrador Retriever/Australian Cattle Dog	Black	2010-10-12	2010-11-27 10:40:00	2010-11-27 10:40:00	Mike	Adopted	Spayed Female	Adopted	30	4000100210400	47-1500000000000	54.000000000000
7	2 years	AT030306	dog	Pit Bull	Black/White	2010-01-01	2010-01-10 10:40:00	2010-01-10 10:40:00	Ngata	Aggression	Euthanized	Neutered Male	30	2900100210400	47-1500000000000	280.000000000000
10	2 months	AT030306	cat	Domestic Shorthair	Black	2010-08-01	2010-12-01 10:40:00	2010-12-01 10:40:00	Harper	Adopted	Spayed Female	Adopted	30	7500100210400	47-1500000000000	54.000000000000
9	3 years	AT030306	dog	Labrador Retriever	Black/White	2010-01-04	2010-02-11 12:40:00	2010-02-12 12:40:00	Blanching	Adopted	Spayed Female	Adopted	30	3070000000000	47-1500000000000	137.000000000000
12	1 year	AT030306	dog	Pit Bull	Black/White	2010-01-01	2010-01-10 12:40:00	2010-01-10 12:40:00	Harper	Adopted	Spayed Female	Adopted	30	4000100210400	47-1500000000000	54.000000000000

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## Data Filters

This dashboard includes a data filter feature that returns different data frames based on the filters. To select a different data frame, simply click the corresponding button to the filter you would like to select. Currently, there are filters for water rescue, mountain/wilderness rescue, disaster rescue/individual tracking, and a filter to reset the data frame to the full database. Screenshots of each filter is shown below:

## Full Database:

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SALVARE

### Cody Faircloth - CS-340 Project Two Dashboard

Water Rescue Mountain/Wilderness Rescue Disaster Rescue/Individual Tracking ID Reset - Returns Unfiltered State																	
	id	rec_num	age, open, outcome	animal_id	animal_type	breed	color	date of birth	date taken	month/year	name	outcome_subtype	outcome_type	sex, open, outcome	location, lat	location, long, age, open, outcome, in weeks	
1	6	1 year	4700157	cat	Bonnie's Shorthair Mix	Silver Tabby	White	2003-05-05	2003-05-06 14:40:00	2003-05-06/10-00:00		SOPW	Transfer	36.500000/100000	-87.140000/100000	52.500000/100000	
	3	2 years	4700034	cat	Bonnie's Shorthair Mix	Black/White	White	2004-04-08	2007-04-11 09:00:00	2007-04-12/09:00:00		SOPW	Transfer	Neutered Male	36.500000/100000	-87.140000/100000	106.700000/100000
	3	2 years	4700036	dog	Chihuahua Shorthair Mix	Brown/White	White	2003-11-10	2003-12-18 18:40:00	2003-12-20/18:40:00	Frank	Adoption	Neutered Male	36.700000/100000	-87.100000/100000	108.110000/100000	
	6	2 years	4699984	dog	German Shepherd Long Hair	Black/White	White	2003-01-27	2003-02-10 16:00:00	2003-02-10/16:00:00	Larry	Police Release	Euthanized	36.470000/100000	-87.100000/100000	261.000000/100000	
	6	2 years	4699984	dog	Labrador Retriever Mix	Tabby/White	White	2003-11-01	2003-05-18 13:40:00	2003-05-18/13:40:00	Larry	Return to Owner	Neutered Male	36.700000/100000	-87.100000/100000	113.000000/100000	
	8	1 year	4700001	dog	Labrador Retriever/Australian Cattle Dog	Black	White	2003-10-12	2003-11-27 18:00:00	2003-11-27/18:00:00	Wes	Adoption	Spayed Female	36.400000/100000	-87.100000/100000	56.000000/100000	
	7	2 years	4670000	dog	Pit Bull Mix	Black/White	White	2002-01-01	2003-03-18 15:10:00	2003-03-18/15:10:00	Spah	Aggression	Euthanized	36.200000/100000	-87.100000/100000	106.000000/100000	
	16	3 months	4660000	cat	Bonnie's Shorthair Mix	Tabby	White	2002-09-04	2002-10-10 14:00:00	2002-10-10/14:00:00	Michael	Adoption	Spayed Female	36.700000/100000	-87.100000/100000	47.000000/100000	
	6	2 years	4700034	dog	Labrador Retriever Mix	Black/White	White	2003-02-04	2003-02-11 12:40:00	2003-02-12/12:40:00	Blossing	Adoption	Spayed Female	36.700000/100000	-87.100000/100000	107.000000/100000	
	12	1 year	4660001	dog	Pit Bull Mix	Brown/White	White	2002-06-01	2003-06-18 17:20:00	2003-06-18/17:20:00	Overlook	Partner	Transfer	36.400000/100000	-87.100000/100000	62.000000/100000	
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## Water Rescue:

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### Cody Faircloth - CS-340 Project Two Dashboard

Water Rescue Mountain/Wilderness Rescue Disaster Rescue/Individual Tracking Reset - Returns Unfiltered State															
	rec_num	age, open, outcome	animal_id	animal_type	breed	color	date of birth	date taken	month/year	name	outcome_subtype	outcome_type	sex, open, outcome	location, lat	location, long, age, open, outcome, in weeks
1	36	6 months	4700001	dog	Labrador Retriever Mix	Yellow	2004-12-08	2005-07-06 10:10:00	2005-07-06/10:10:00		Medical	Euthanized	36.500000/100000	-87.100000/100000	36.000000/100000
	732	2 years	4700001	dog	Labrador Retriever Mix	Tabby/White	2003-05-10	2007-07-25 14:10:00	2007-07-25/14:10:00	Transfer	Return to Owner	Spayed Female	36.400000/100000	-87.100000/100000	116.000000/100000
	1315	1 year	4700001	dog	Labrador Retriever Mix	White/Black	2004-06-08	2007-09-11 14:10:00	2007-09-11/14:10:00	Forrest	Return to Owner	Spayed Female	36.500000/100000	-87.100000/100000	52.000000/100000
	5406	6 months	4700001	dog	Labrador Retriever Mix	Tabby/White	2004-01-17	2004-12-11 12:10:00	2004-12-11/12:10:00	Wes	Adoption	Spayed Female	36.700000/100000	-87.100000/100000	46.000000/100000
	1767	2 months	4700001	dog	Labrador Retriever Mix	Black	2004-06-07	2007-02-14 15:30:00	2007-02-14/15:30:00	Marley	Return to Owner	Spayed Female	36.400000/100000	-87.100000/100000	33.000000/100000
	3886	1 year	4700001	dog	Labrador Retriever Mix	Black/White	2004-11-17	2007-12-10 10:00:00	2007-12-10/10:00:00		Partner	Transfer	36.200000/100000	-87.100000/100000	53.000000/100000
	2461	2 years	4700001	dog	Labrador Retriever Mix	Black	2003-09-12	2007-09-12 11:40:00	2007-09-12/11:40:00	Miguel	Return to Owner	Spayed Female	36.700000/100000	-87.100000/100000	106.000000/100000
	2229	2 years	4700001	dog	Labrador Retriever Mix	Black/White	2003-09-01	2007-10-05 12:10:00	2007-10-05/12:10:00	Wes	Partner	Transfer	36.500000/100000	-87.100000/100000	106.000000/100000
	3319	6 months	4697000	dog	Labrador Retriever Mix	Yellow	2003-12-08	2004-09-09 17:10:00	2004-09-09/17:10:00		Suffering	Euthanized	36.700000/100000	-87.100000/100000	28.000000/100000
	4222	1 year	4700001	dog	Labrador Retriever Mix	Black	2003-09-25	2004-09-27 14:10:00	2004-09-27/14:10:00	Daisy	Return to Owner	Spayed Female	36.500000/100000	-87.100000/100000	52.000000/100000
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## Mountain/Wilderness Rescue:

### Cody Faircloth - CS-340 Project Two Dashboard

Water Rescue Mountain/Wilderness Rescue Disaster Rescue/Individual Tracking (Reset - Returns Unfiltered State)																	
	id	rec_num	age, open, outcome	animal_id	animal_type	breed	color	date of birth	date taken	month/year	name	outcome_subtype	outcome_type	sex, open, outcome	location, lat	location, long	age, open, outcome, in weeks
1	3136	2 years	4700034	dog	Siberian Husky	Brown/White	2004-01-05	2004-09-23 18:20:00	2004-09-23/18:20:00		Suffering	Euthanized	36.500000/100000	Ind	36.500000/100000	107.000000/100000	107.000000/100000
	5315	2 years	4700034	dog	Alaskan Malamute	Black/White	2003-07-10	2003-08-12 17:20:00	2003-08-12/17:20:00		Papa	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	106.000000/100000
	4651	2 years	4700034	dog	Nottingham	Black	2003-09-11	2007-09-23 12:10:00	2007-09-23/12:10:00		Dave	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	106.000000/100000
	4415	2 years	4700034	dog	Siberian Husky	Black/White	2003-09-11	2007-09-23 12:10:00	2007-09-23/12:10:00		Lulu	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	106.000000/100000
	4651	6 months	4700034	dog	German Shepherd	Tabby	2007-07-26	2008-01-22 11:50:00	2008-01-22/11:50:00		Sargent	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	26.000000/100000
	3136	2 years	4700034	dog	Siberian Husky	Brown/White	2004-01-05	2004-09-23 18:20:00	2004-09-23/18:20:00			Suffering	Euthanized	36.500000/100000	Ind	36.500000/100000	107.000000/100000
	5315	2 years	4700034	dog	Alaskan Malamute	Black/White	2003-07-10	2003-08-12 17:20:00	2003-08-12/17:20:00		Papa	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	106.000000/100000
	4651	2 years	4700034	dog	Nottingham	Black	2003-09-11	2007-09-23 12:10:00	2007-09-23/12:10:00		Dave	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	106.000000/100000
	4415	2 years	4700034	dog	Siberian Husky	Black/White	2003-09-11	2007-09-23 12:10:00	2007-09-23/12:10:00		Lulu	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	106.000000/100000
	4651	6 months	4700034	dog	German Shepherd	Tabby	2007-07-26	2008-01-22 11:50:00	2008-01-22/11:50:00		Sargent	Return to Owner	Ind	Male	36.400000/100000	-87.100000/100000	26.000000/100000
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## Disaster Rescue/Individual Tracking:

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### Cody Faircloth - CS-340 Project Two Dashboard

Water Rescue Mountain/Wilderness Rescue Disaster Rescue/Individual Tracking (Reset - Returns Unfiltered State)																
	id	rec_num	age, open, outcome	animal_id	animal_type	breed	color	date of birth	date taken	month/year	name	outcome_subtype	outcome_type	sex, open, outcome	location, lat	location, long, age, open, outcome, in weeks
1	2067	4 years	4696004	dog	Border Collie	Black/Brown		2003-01-01	2003-01-01 14:20:00	2003-01-01/14:20:00	Stitcher	Return to Owner	Spayed Female	36.500000/100000	-87.100000/100000	200.000000/100000
	3767	4 years	4700001	dog	Blackboard	Red		2003-09-10	2003-09-12 11:40:00	2003-09-12/11:40:00	Bonnie	Return to Owner	Spayed Female	36.700000/100000	-87.100000/100000	200.000000/100000
	4651	2 years	4700034	dog	Nottingham	Black		2003-09-11	2007-09-23 12:10:00	2007-09-23/12:10:00	Dave	Return to Owner	Spayed Female	36.400000/100000	-87.100000/100000	106.000000/100000
	4651	6 months	4700034	dog	German Shepherd	Tabby		2007-07-26	2008-01-22 11:50:00	2008-01-22/11:50:00	Sargent	Return to Owner	Spayed Female	36.400000/100000	-87.100000/100000	26.000000/100000
	2067	4 years	4696004	dog	Border Collie	Black/Brown		2003-01-01	2003-01-01 14:20:00	2003-01-01/14:20:00	Stitcher	Return to Owner	Spayed Female	36.500000/100000	-87.100000/100000	200.000000/100000
	3767	4 years	4700001	dog	Blackboard	Red		2003-09-10	2003-09-12 11:40:00	2003-09-12/11:40:00	Bonnie	Return to Owner	Spayed Female	36.700000/100000	-87.100000/100000	200.000000/100000
	4651	2 years	4700034	dog	Nottingham	Black		2003-09-11	2007-09-23 12:10:00	2007-09-23/12:10:00	Dave	Return to Owner	Spayed Female	36.400000/100000	-87.100000/100000	106.000000/100000
	4651	6 months	4700034	dog	German Shepherd	Tabby		2007-07-26	2008-01-22 11:50:00	2008-01-22/11:50:00	Sargent	Return to Owner	Spayed Female	36.400000/100000	-87.100000/100000	26.000000/100000
	2067	4 years	4696004	dog	Border Collie	Black/Brown		2003-01-01	2003-01-01 14:20:00	2003-01-01/14:20:00	Stitcher	Return to Owner	Spayed Female	36.500000/100000	-87.100000/100000	200.000000/100000
	3767	4 years	4700001	dog	Blackboard	Red		2003-09-10	2003-09-12 11:40:00	2003-09-12/11:40:00	Bonnie	Return to Owner	Spayed Female	36.700000/100000	-87.100000/100000	200.000000/100000
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## Data Graphing

This dashboard also features a pie graph showing the breakdown of animals by breed for each selected data frame. This graph is dependent on the selected filters shown above. When a filter is selected the graph will update according to the selected data frame. The graph can be changed by simply selecting a filter as explained in the previous section. Screenshots of the filters and graph changes are shown below:

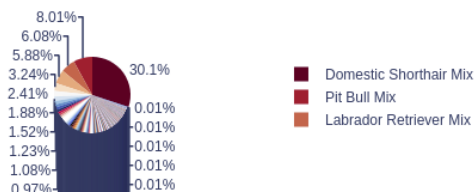
## Full Database:

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☐ Water Rescue ☐ Mountain/Wilderness Rescue ☐ Disaster Rescue/Individual Tracking ☒ Reset - I

	rec_num	age_upon_outcome	animal_id	animal_type	
	filter data...				
<input checked="" type="radio"/>	2	1 year	A725717	Cat	Domestic Shorthair
<input type="radio"/>	1	3 years	A746874	Cat	Domestic Shorthair
<input type="radio"/>	3	2 years	A716330	Dog	Chihuahua Shorthair
<input type="radio"/>	6	5 years	A696004	Dog	Cardigan Welsh Cor
<input type="radio"/>	5	2 years	A691584	Dog	Labrador Retrie
<input type="radio"/>	8	1 year	A736551	Dog	Labrador Retriever/Australian Catt
<input type="radio"/>	7	2 years	A673830	Dog	Pit Bu
<input type="radio"/>	10	3 months	A664290	Cat	Domestic Shorthair
<input type="radio"/>	9	3 years	A720214	Dog	Labrador Retrie
<input type="radio"/>	12	1 year	A664843	Dog	Pit Bu



Water Rescue:

☒ Water Rescue ☐ Mountain/Wilderness Rescue ☐ Disaster Rescue/Individual Tracking ☐ Reset - I

	rec_num	age_upon_outcome	animal_id	animal_type	breed
	filter data...				
<input checked="" type="radio"/>	36	6 months	A706953	Dog	Labrador Retriever Mix
<input type="radio"/>	732	2 years	A749782	Dog	Labrador Retriever Mix
<input type="radio"/>	1121	1 year	A757158	Dog	Labrador Retriever Mix
<input type="radio"/>	1628	9 months	A740471	Dog	Labrador Retriever Mix
<input type="radio"/>	1757	7 months	A742767	Dog	Labrador Retriever Mix
<input type="radio"/>	1988	1 year	A762781	Dog	Labrador Retriever Mix
<input type="radio"/>	2041	2 years	A702745	Dog	Labrador Retriever Mix
<input type="radio"/>	2225	2 years	A757341	Dog	Labrador Retriever Mix
<input type="radio"/>	3319	9 months	A687748	Dog	Labrador Retriever Mix
<input type="radio"/>	4222	1 year	A735551	Dog	Labrador Retriever Mix



Labrador Retriever Mix

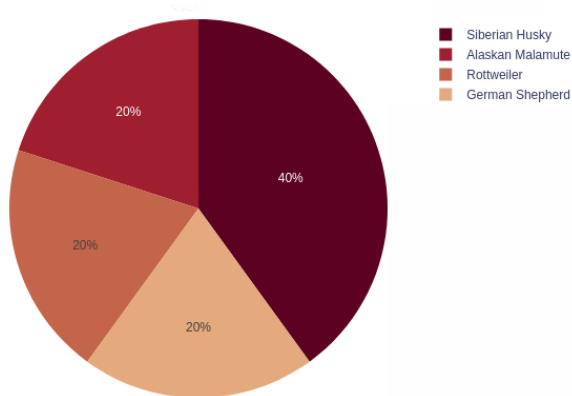
Mountain/Wilderness Rescue:

Note: This template has been adapted from the following sample templates: [Make a README](#), [Best README Template](#), and [A Beginners Guide to Writing a Kickass README](#).



☐ Water Rescue ☒ Mountain/Wilderness Rescue ☐ Disaster Rescue/Individual Tracking ☐ Reset - F

	rec_num	age_upon_outcome	animal_id	animal_type	breed
<input checked="" type="radio"/>	3130	2 years	A721834	Dog	Siberian Husky
<input type="radio"/>	5315	2 years	A708726	Dog	Alaskan Malamute
<input type="radio"/>	6021	2 years	A728165	Dog	Rottweiler
<input type="radio"/>	6191	2 years	A704101	Dog	Siberian Husky
<input type="radio"/>	6557	6 months	A765461	Dog	German Shepherd
<input type="radio"/>	3130	2 years	A721834	Dog	Siberian Husky
<input type="radio"/>	5315	2 years	A708726	Dog	Alaskan Malamute
<input type="radio"/>	6021	2 years	A728165	Dog	Rottweiler
<input type="radio"/>	6191	2 years	A704101	Dog	Siberian Husky
<input type="radio"/>	6557	6 months	A765461	Dog	German Shepherd



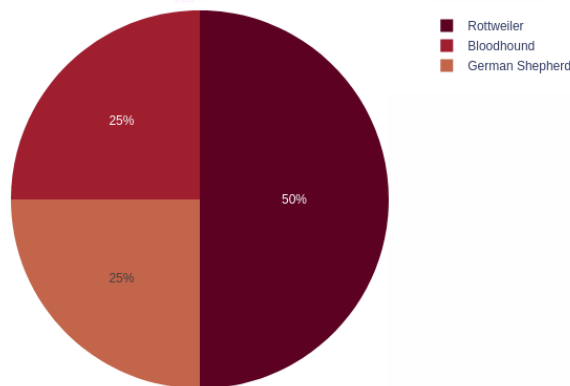
Disaster Rescue/Individual Tracking:

Note: This template has been adapted from the following sample templates: [Make a README](#), [Best README Template](#), and [A Beginners Guide to Writing a Kickass README](#).



☐ Water Rescue ☐ Mountain/Wilderness Rescue ☒ Disaster Rescue/Individual Tracking ☐ Reset - F

	rec_num	age_upon_outcome	animal_id	animal_type	breed
<input type="checkbox"/>	filter data...				
<input checked="" type="radio"/>	2987	4 years	A694614	Dog	Rottweiler
<input type="radio"/>	3767	4 years	A712291	Dog	Bloodhound
<input type="radio"/>	6021	2 years	A728165	Dog	Rottweiler
<input type="radio"/>	6557	6 months	A765461	Dog	German Shepherd
<input type="radio"/>	2987	4 years	A694614	Dog	Rottweiler
<input type="radio"/>	3767	4 years	A712291	Dog	Bloodhound
<input type="radio"/>	6021	2 years	A728165	Dog	Rottweiler
<input type="radio"/>	6557	6 months	A765461	Dog	German Shepherd
<input type="radio"/>	2987	4 years	A694614	Dog	Rottweiler
<input type="radio"/>	3767	4 years	A712291	Dog	Bloodhound

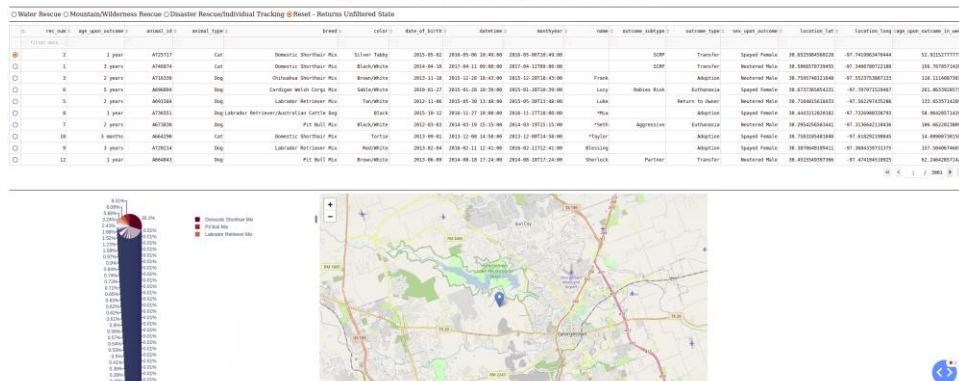


### Data Point Map

This dashboard also includes a geographic mapping feature which maps a data point on a local map of Austin, Texas depending on the coordinates set in the database. The map will display the first row of the table by default as shown in the screenshot below:

**SALVARE**

### Cody Faircloth - CS-340 Project Two Dashboard



To view the location of a different animal, simply click the button next to the animal you would like to view. This will update the map and display a point indicating where the animal is located. An example of

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this using the Water Rescue filter and the fourth animal on the list, Marley, is shown in the screenshot below:

**SALVARE**

#### Cody Faircloth - CS-340 Project Two Dashboard

Water Rescue > Mountain/Wilderness Rescue > Disaster Rescue>Individual Tracking > Reset - Returns Unlabeled State

	rescued	age upon rescue	animal_id	animal_type	breed	color	date of birth	date lost	date found	name	outcome_subtype	outcome_type	new owner outcome	location lat	location long	age upon outcome in years	
Filter by:																	
0	66	6 months	6700000	Eng Labrador Retriever Mix	Yellow	Yellow	2015-12-06	2015-07-01 11:10:00	2015-07-01 11:10:00	Netzel	Medical	Exchange	Return to Owner	35.34088333333333	-97.34088333333333	0.0	
1	702	2 years	6700002	Eng Labrador Retriever Mix	Black/White	Black/White	2015-08-18	2015-07-25 14:10:00	2015-07-25 14:10:00	*Carlisle	Return to Owner	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	
2	1115	1 year	6700006	Eng Labrador Retriever Mix	White/Black	White/Black	2015-08-18	2015-08-11 14:10:00	2015-08-11 14:10:00	Phoenix	Return to Owner	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	
3	1638	6 months	6700015	Eng Labrador Retriever Mix	Black/White	Black/White	2015-08-17	2015-12-23 17:10:00	2015-12-23 17:10:00	Wine	Adoption	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	
4	1767	2 months	6700020	Eng Labrador Retriever Mix	Black	Black	2015-08-17	2015-02-14 17:10:00	2015-02-14 17:10:00	Marley	Return to Owner	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	
5	1984	1 year	6700021	Eng Labrador Retriever Mix	Black/White	Black/White	2015-12-17	2015-12-11 13:10:00	2015-12-11 13:10:00	Partner	Transfer	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	
6	2041	2 years	6700049	Eng Labrador Retriever Mix	Black	Black	2015-08-17	2015-08-11 13:10:00	2015-08-11 13:10:00	Alleged	Return to Owner	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	
7	2125	2 years	6700051	Eng Labrador Retriever Mix	Black/White	Black/White	2015-08-17	2015-10-11 17:10:00	2015-10-11 17:10:00	DP	Partner	Transfer	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0
8	2129	6 months	6700050	Eng Labrador Retriever Mix	Yellow	Yellow	2015-12-06	2015-08-01 17:10:00	2015-08-01 17:10:00	Surfing	Exchange	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	
9	4222	1 year	6700052	Eng Labrador Retriever Mix	Black	Black	2015-08-21	2015-08-27 14:10:00	2015-08-27 14:10:00	Daisy	Return to Owner	Adopted	Adopted	35.34088333333333	-97.34088333333333	0.0	

Unlabeled Outcome Data

## Contact

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