# CS 340 README Project Two (Priscilla Gomes-DaCosta)

## About the Project/Project Title*.*

*Grazioso Salvare Dashboard is an international organization that identifies dogs that are good candidates for search and rescue training. The company relies on agreement made with a non-profit agency that operates different animal shelters in the Austin Texas region. This is an open source project accessible via GitHub.*

## Motivation

*The goal of this project is to provide the client a dashboard that will scan through an existing database searching for key dog profiles that best fits requirements for rescuing humans or other animals in life-threatening conditions.*

## Getting Started

*This is an example of how you may give instructions on setting up your project locally. To get a local copy up and running follow these simple example steps:*

## Installation

*Graphical user interface, text, application, email

Description automatically generated*

## *All the above tools are required for the dashboard to be operational, the libraries can be installed using the following link: https://dash.plotly.com/installation.*

## Usage

### Code Example

*The code below creates the buttons that will have the requirements for each of the rescue profiles already determined. The user can simply click the button and a list of eligible dogs will come up on the screen:*

*className='row',*

*style={'display': 'flex'},*

*children=[*

*html.Button(id='submit-button-one',n\_clicks=0, children= 'Water Rescue'),*

*html.Button(id='submit-button-two',n\_clicks=0, children= 'Mountain or Wilderness Rescue'),*

*html.Button(id='submit-button-three',n\_clicks=0, children='Disaster Rescue or Individual Tracking'),*

*html.Button(id='submit-button-four', n\_clicks=0, children='Reset')*

*]*

*The code below is an example of the app callback function that will invoke the requirements for the predefined button cretated in the previous example:*

*@app.callback([Output('datatable-id','data')],*

*[Input('submit-button-one', 'n\_clicks'),Input('submit-button-two','n\_clicks'),*

*Input('submit-button-three','n\_clicks'),Input('submit-button-four','n\_clicks')]*

*#[Input('filter-type','value')]*

*)*

*def update\_dashboard(bt1,bt2,bt3,bt4):*

*### FIX ME Add code to filter interactive data table with MongoDB queries*

*if (int(bt1) >= 1):*

*df = pd.Dataframe.from\_records(shelter.read({'$and': [*

*{'$or': [*

*{'breed':'Labrador Retriever Mix'},*

*{'breed':'Chesapeake Bay Retriever'},*

*{'breed':'Newfoundland'}]*

*},*

*{'sex\_upon\_outcome':'Intact Female'},*

*{'age\_upon\_outcome\_in\_weeks':{'$lte':26, 'gte':156}}]}))*

*bt2, bt3, bt4 = 0*

### Screenshots

*Graphical user interface, application, table, email

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*Graphical user interface, application

Description automatically generated*

*A picture containing application

Description automatically generated*

*Map

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## Contact

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