

# A TEMPORAL AND SPATIAL ANALYSIS OF STRAY DOGS & CATS IN DUVAL COUNTY



# BACKGROUND

```
[1] import pandas as pd
    from google.colab import files
    import io

    uploaded = files.upload()
    df= pd.read_csv(io.BytesIO(uploaded['2019_Intakes.csv']))
```

Choose Files 2019\_Intakes.csv

- 2019\_Intakes.csv(application/vnd.ms-excel) - 1599715 bytes, last modified: 3/30/2022.- 100% done...

```
[2] df= df[df.Species=='Cat']
```

```
[3] df=df[df['Zip Code'].notna()]
```

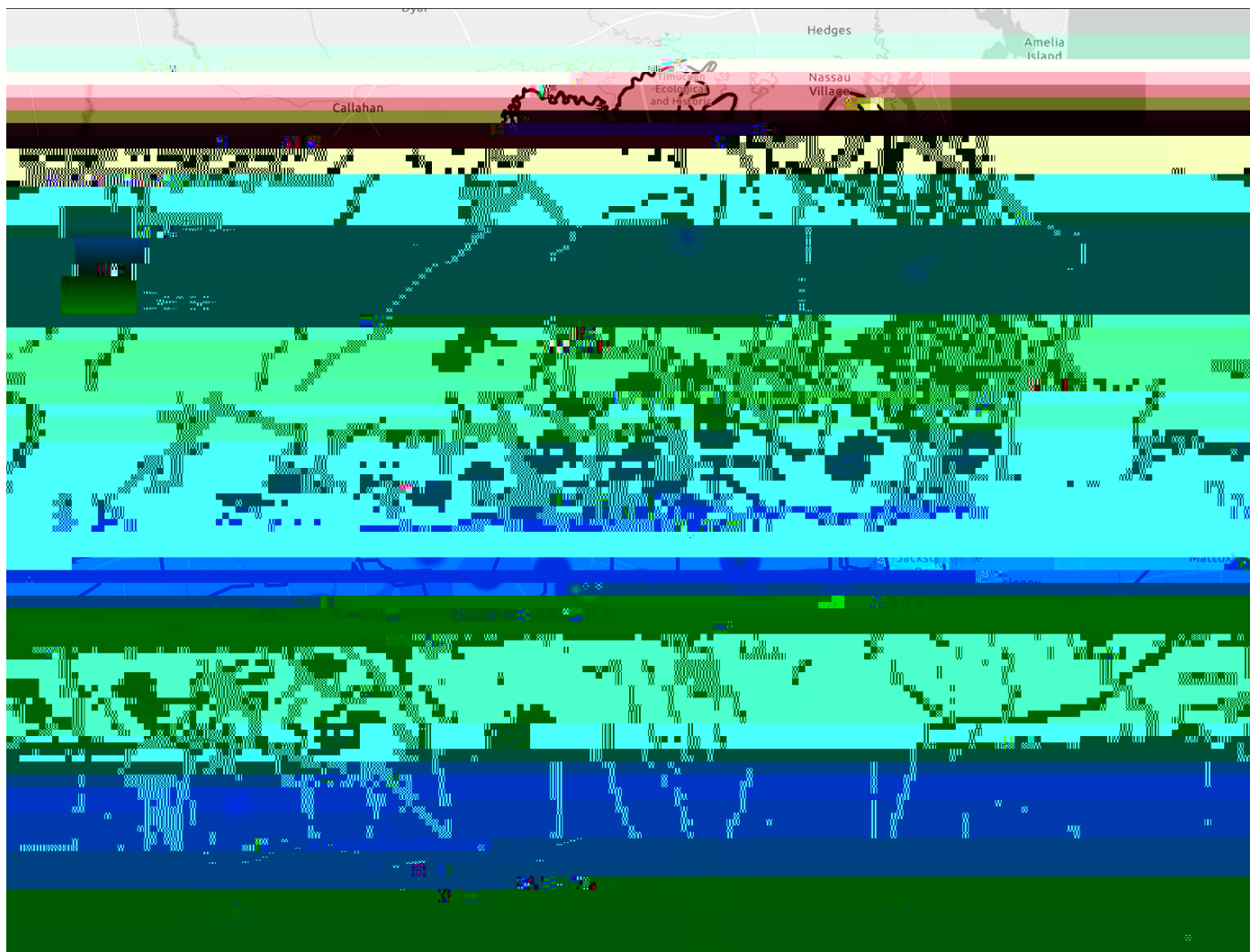
```
[4] df=df[df['Breed']=='Stray']
```

```
[5] df.value_counts(subset=['Zip Code']).to_csv ('2019Intakes_StrayCats.csv')
```

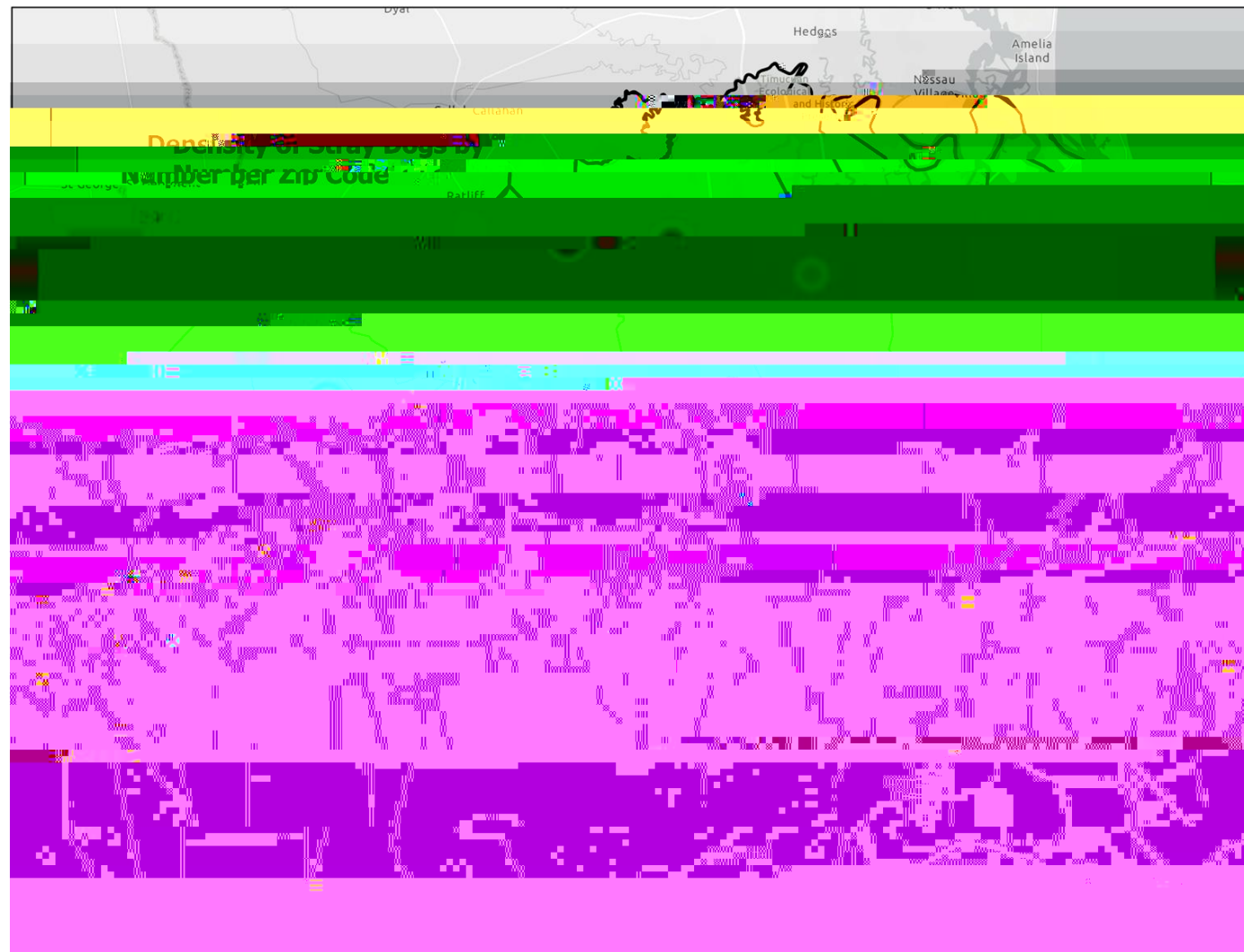
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MOST POPULAR  
NAMES-  
FROM DR.  
MOSELEY

# STRAY CATS



# STRAY DOGS

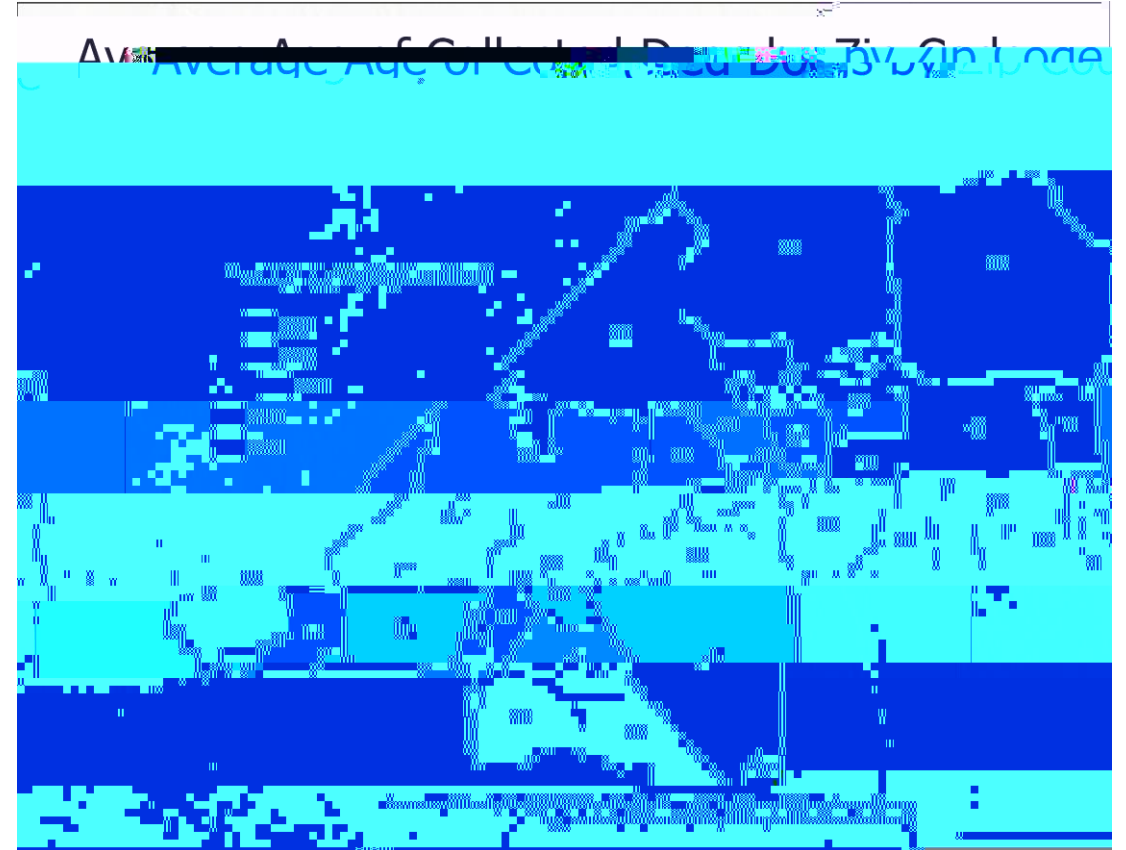
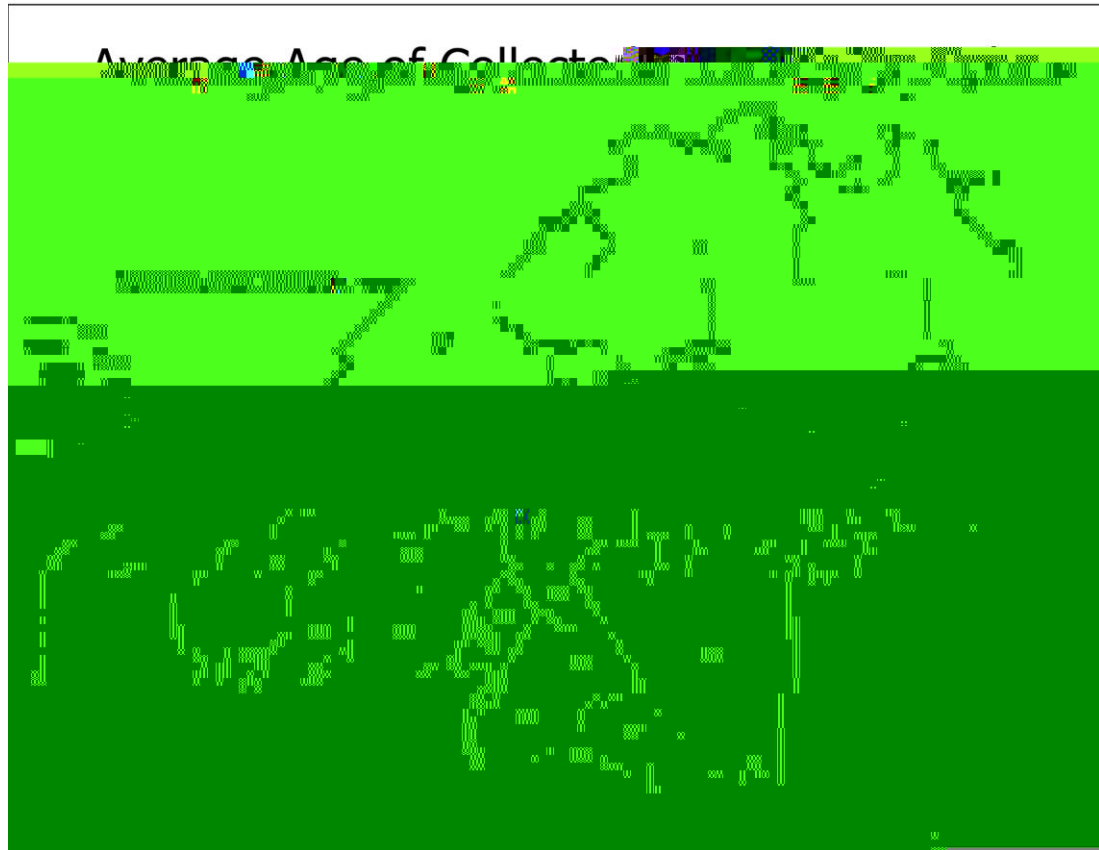


# HEARTWORM PRESENCE IN DOGS

Zip Code	Heartworm Rate	Total Amount of Dogs
32912	100%	200
32911	100%	100
32910	100%	100
32909	100%	100
32908	100%	100
32907	100%	100
32906	100%	100
32905	100%	100
32904	100%	100
32903	100%	100
32902	100%	100
32901	100%	100



# AVERAGE AGE BY ZIP CODE

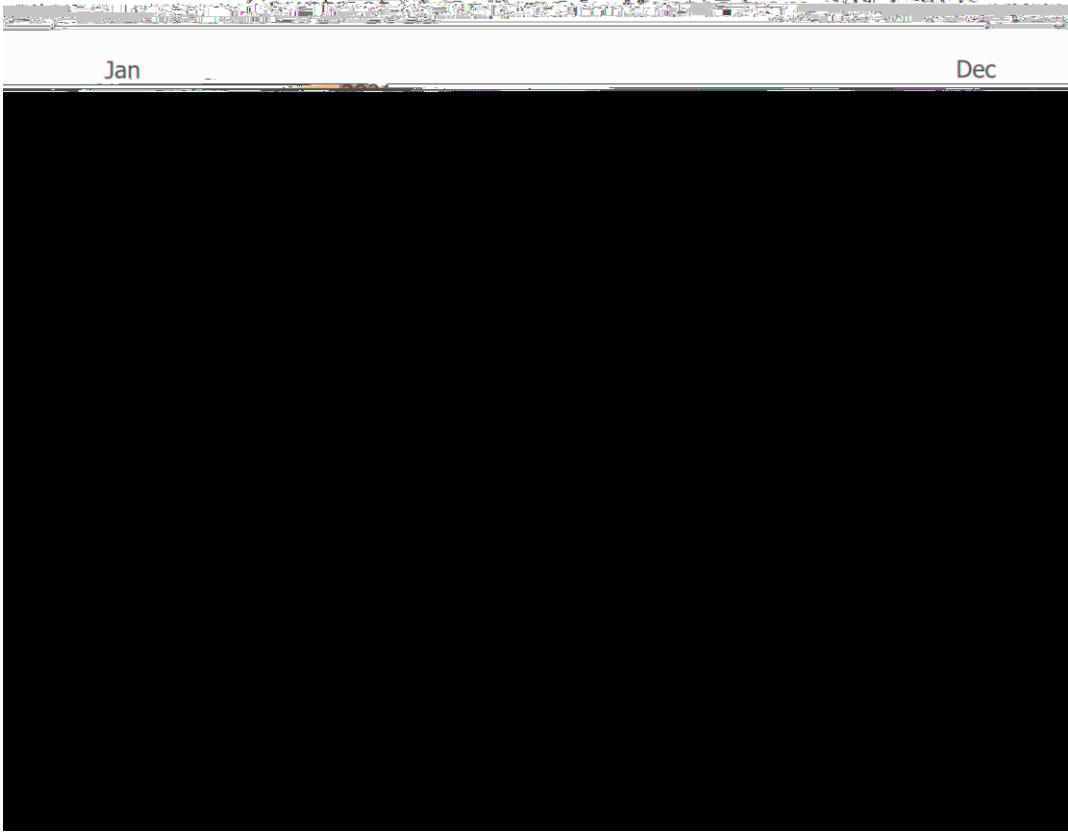


WHERE ARE  
THE KITTENS?





# STRAYS INTAKES BY THE YEARS





# DASHBOARD

