



# Dog Venues in Boston, MA

Final Capstone Project



More dogs have been adopted or found foster homes have increased since the pandemic started



Dog owners should have access to location data for venues that cater to dogs or pets

Veterinary care  
Pet stores  
Park



Use a location map to find dog venues

# Introduction

# Data

- Using Foursquare API data
- Extract the following categories to identify dog venues:
  - Dog Runs
  - Outdoors
  - Parks
  - Pet Services
  - Pet Stores
  - Playgrounds
  - Veterinarians / Medical Center
  - Spas
  - Lake
  - Beach

# Methodology

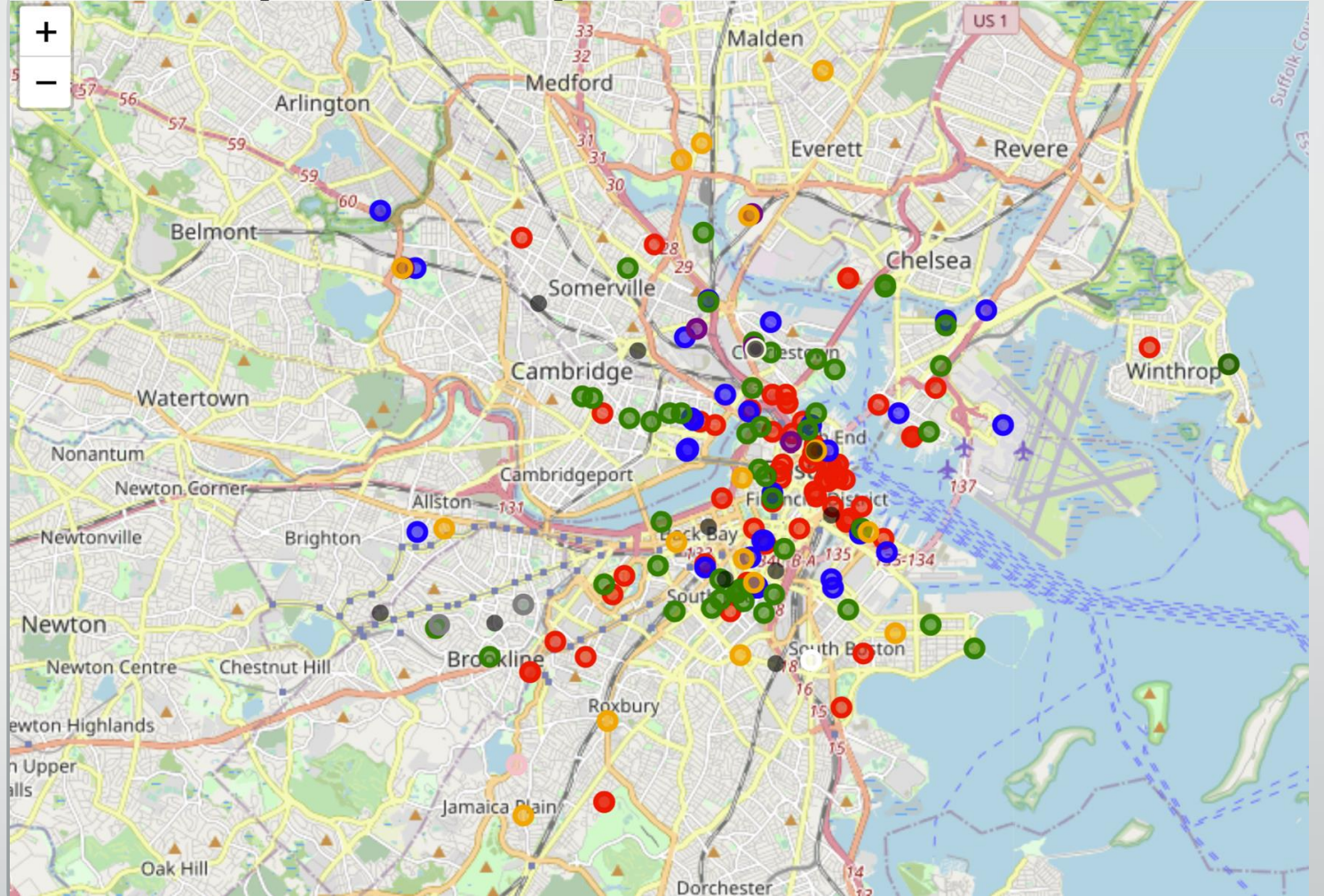
- Search queries for the categories in previous slide
- Create a dataframe for each of the search query results
- Compile all the resulting dataframes
- Create a map of dog venues around Boston

	name	categories	address	cc	city	country	crossStreet	distance	lat	lng	postalCode	state
0	North End Park	Park	Cross St.	US	Boston	United States	btwn North & Sudbury	290	42.362488	-71.056477	02113	MA
1	Christopher Columbus Park	Park	Atlantic Ave.	US	Boston	United States	at Atlantic Ave.	569	42.361027	-71.051451	02110	MA
2	Harbor Park	Park	NaN	US	Boston	United States	NaN	448	42.360723	-71.052873	NaN	MA
3	Paul Revere Park	Park	NaN	US	Charlestown	United States	Chelsea St	1143	42.370197	-71.061781	02129	MA
4	North Point Park	Park	Museum Way	US	Cambridge	United States	NaN	1332	42.369118	-71.069175	02141	MA
5	Peters Park	Dog Run	1205 Washington	US	Boston	United States	Berkeley	2105	42.342662	-71.067686	02118	MA
6	Piers Park	Park	95 Marginal St	US	Boston	United States	at Cottage St.	1890	42.365111	-71.036263	02128	MA
	Langone Park	Playground	542 Commercial St	US	Boston	United States	btwn Charter & Foster	952	42.368598	-71.055734	02109	MA
	Mary O'Malley Waterfront Park	Park	Admiral's Hill	US	Chelsea	United States	NaN	3271	42.388869	-71.049211	02150	MA
	LoPresti Park	Park	Sumner St.	US	East Boston	United States	btwn Sumner & New	1665	42.370050	-71.042984	02128	MA
	Cardinal											

Sample of Results

# Map

- Orange marker = Pet Store
- Red marker = Park
- Blue marker = Dog Run
- Green marker = Playground
- Purple marker = Veterinarian
- Gray marker = Great Outdoors
- Dark purple marker = Pet Services
- Beige marker = Spa
- White marker = Medical Center
- Pink marker = Lake
- Dark green = Beach





Map shows dog venues scattered across Boston, MA



Dog owners can map out route of how to go to a venue or which venues to visit based on proximity



Saves time for dog owners from searching the internet for groomers, veterinarians, pet stores, etc.

Conclusion