

# Project 2 Proposal

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**Topic Idea:** San Francisco Restaurants that allow dogs

**Summary:** In SF, there seems to be more dogs than kids. In 2016, there were about 115,000 children (under the age of 18) vs. 120,000-150,000 dogs living in the city. (Source: American Community Survey, SF Animal Care, KQED News).

We want to see which restaurants allow dogs in SF and if certain neighborhoods in SF have more dog friendly restaurants than other areas. We are also interested in seeing if there is a correlation between dog friendly restaurants and wheel-chair accessible restaurants.

## Data:

1. Yelp API Fusion - We will be using API to get wheel-chair accessible restaurant data ([https://www.yelp.com/developers/documentation/v3/business\\_search](https://www.yelp.com/developers/documentation/v3/business_search))
2. BringFido - We will attempt to web scrape bringfido.com for dog-friendly restaurant data (<https://www.bringfido.com>)

## Inspiring Visualizations:

1. Map out restaurant locations using Leaflet:
  - a. Different layers to show both dog-friendly restaurants, wheelchair accessible restaurants, and restaurants that have both



2. A word map showing which neighborhoods have more dog-friendly restaurants:

