Topic:
“Great North American Taco Tour”

Intro
Our group plans to use Yelp data found on Kaggle in order to analyze taco and burrito locations from the US and Canada.

Inspiration
Our inspiration is rooted in the deep and unabiding love nearly all Americans have for the Mexican (or maybe not-so-Mexican depending on how close you are to Canada) favorite. We felt like this was a fun topic because of its relatability, and also we could put a really spicy twist on our dashboards.

Colors

Our color palette is inspired by the idea of a fiesta!
https://coolors.co/palette/264653-2a9d8f-e9c46a-f4a261-e76f51

FEFAE0

Fonts:
https://fonts.google.com/specimen/Barrio#standard-styles

What you are predicting
We will use supervised machine learning to predict restaurant ratings based on various business attributes in the "yelp_business_attributes" dataset. These attributes include elements spanning a wide range of topics like parking availability, ambiance, music and dancing, menu availability for special diets, and whether our four-legged friends are welcome as well.

Basic design concepts for dashboard
Neutral canvas with pops of color in images and vizzes. Each dashboard will tell a story using a minimum of two visualizations as outlined below:

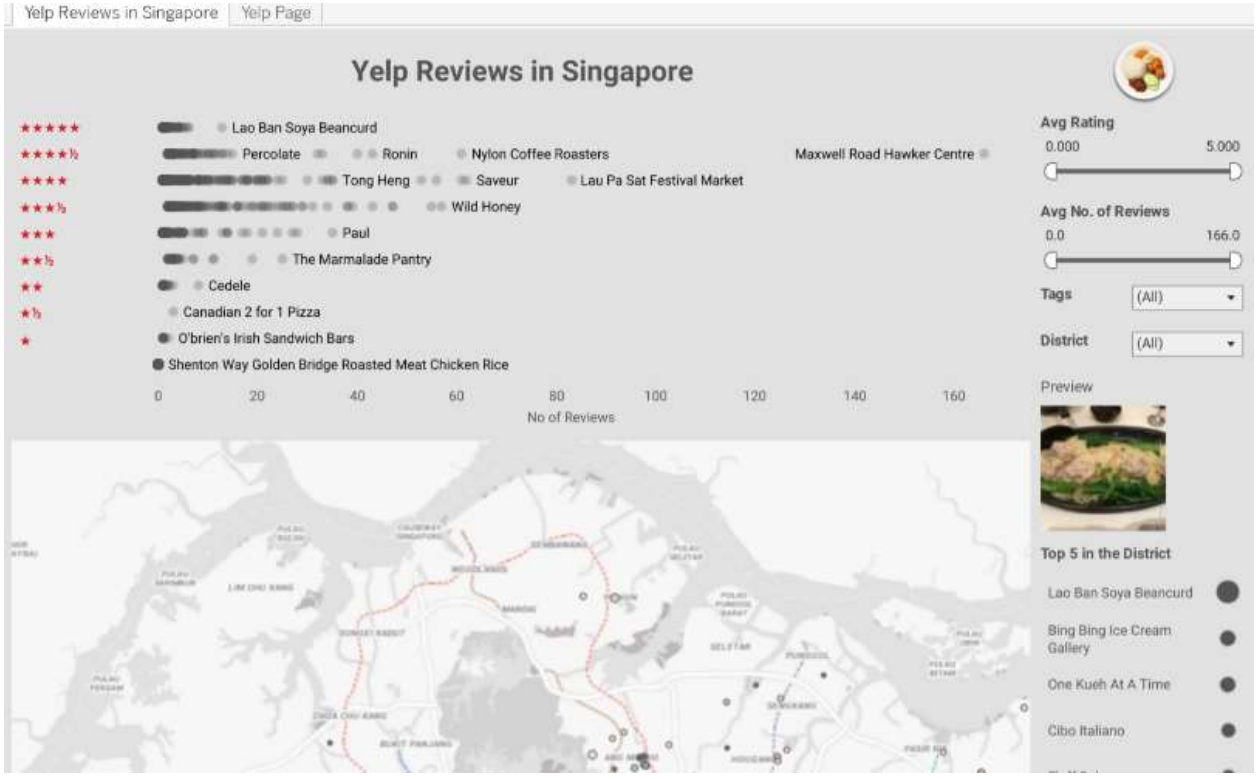
- Filter by city and find Tacos and Burritos
    - Map, weighted by review
    - Top 10 list
- Tour - fit to distance range
    - Taco map
    - Other popular restaurants

Other visualizations might indicate things like availability of certain accommodations (ie. special diets, pet-friendly patios, parking) or additional entertainments such as live bands. A thought might be to include a kind of "ambiance meter" where a bar is shaded lower or higher based on the number of certain elements that are present.

Some visualizations that inspired our imagination:

This dashboard is very clean eye catching:

The “Yelp Reviews in Singapore” dashboard has some really fun features where selecting a location from the map drives dynamic content on the dashboard.



Roles and responsibilities

- Erin: Tableau 1

- Erin/Michela: Tableau 2
- Marsha: database, writing, float, GitHub
- Michela: HTML/CSS
- Tuyet/team: machine learning