

FOURSQUARE VS. YELP

Comparing the APIs

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Overview



- Project Goals
- Area of Interest
- Project Flow
- Results
- Challenges

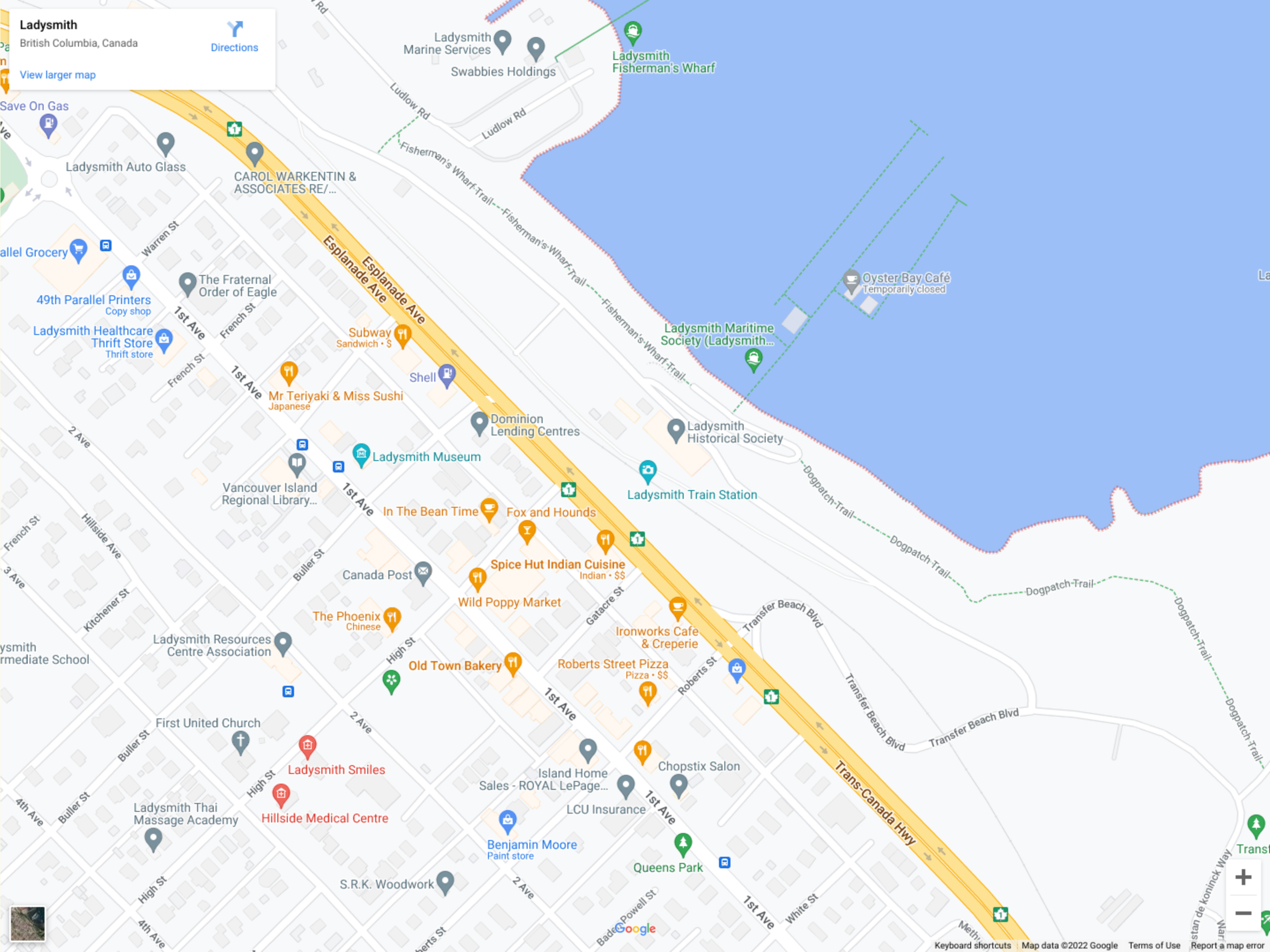
Goals



Collect data from
FourSquare and Yelp APIs
for the same area

Build a database

Compare the API coverage
quality



Ladysmith

British Columbia, Canada



[View larger map](#)

Save On Gas

Ladysmith Auto Glass

CAROL WARKENTIN & ASSOCIATES RE/...

allel Grocery

49th Parallel Printers
Copy shop

Ladysmith Healthcare
Thrift Store
Thrift store

The Fraternal Order of Eagle

Subway
Sandwich • \$

Mr Teriyaki & Miss Sushi
Japanese

Shell

Dominion Lending Centres

Ladysmith Museum

Vancouver Island Regional Library...

In The Bean Time

Fox and Hounds

Spice Hut Indian Cuisine
Indian • \$\$

Wild Poppy Market

The Phoenix
Chinese

Canada Post

ysmith
rmediate School

Ladysmith Resources
Centre Association

First United Church

Ladysmith Smiles

Hillside Medical Centre

Ladysmith Thai
Massage Academy

S.R.K. Woodwork

Island Home
Sales - ROYAL LePage...

Benjamin Moore
Paint store

LCU Insurance

Chopstix Salon

Ironworks Cafe
& Creperie

Roberts Street Pizza
Pizza • \$\$

1st Ave

Queens Park

1st Ave

White St

Transfer Beach Blvd

Transfer Beach Blvd

Transfer Beach Blvd

Dogpatch-Trail

Dogpatch-Trail

Dogpatch-Trail

Dogpatch-Trail

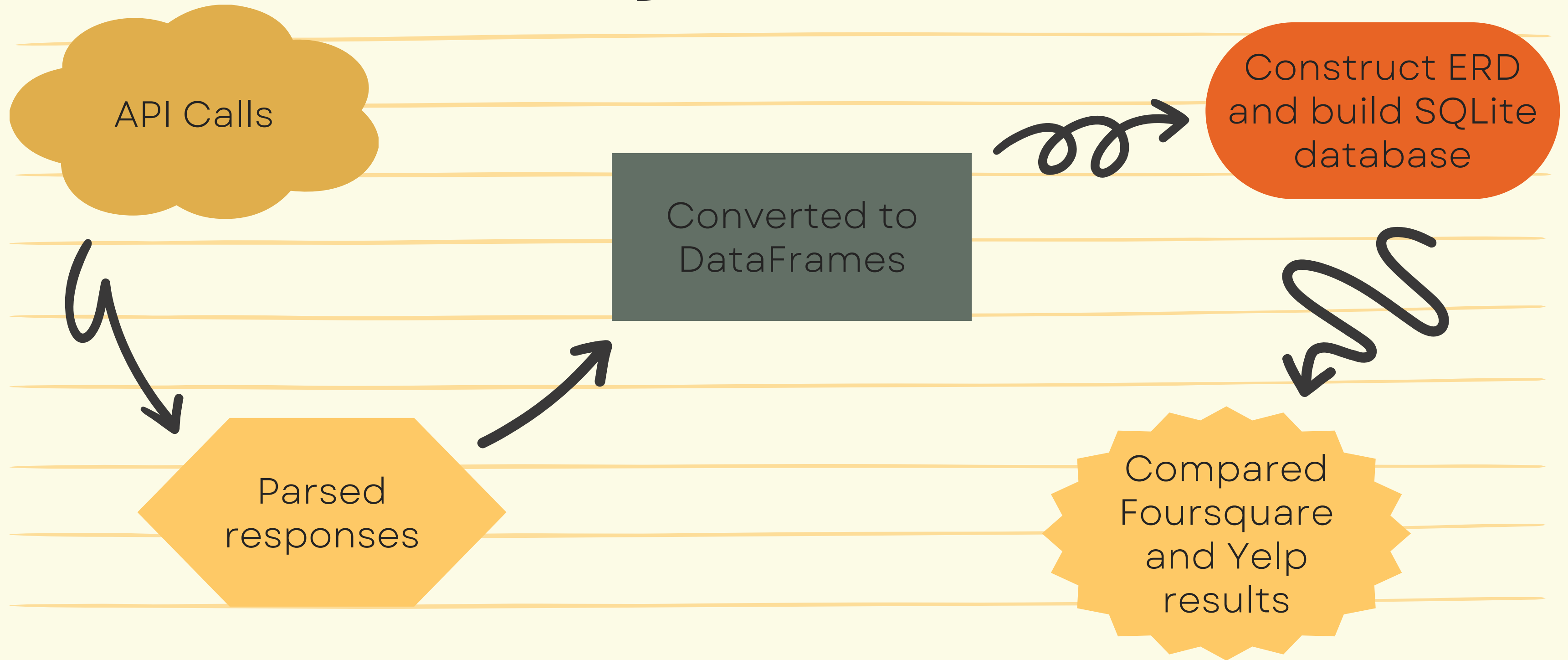
Dogpatch-Trail

Dogpatch-Trail

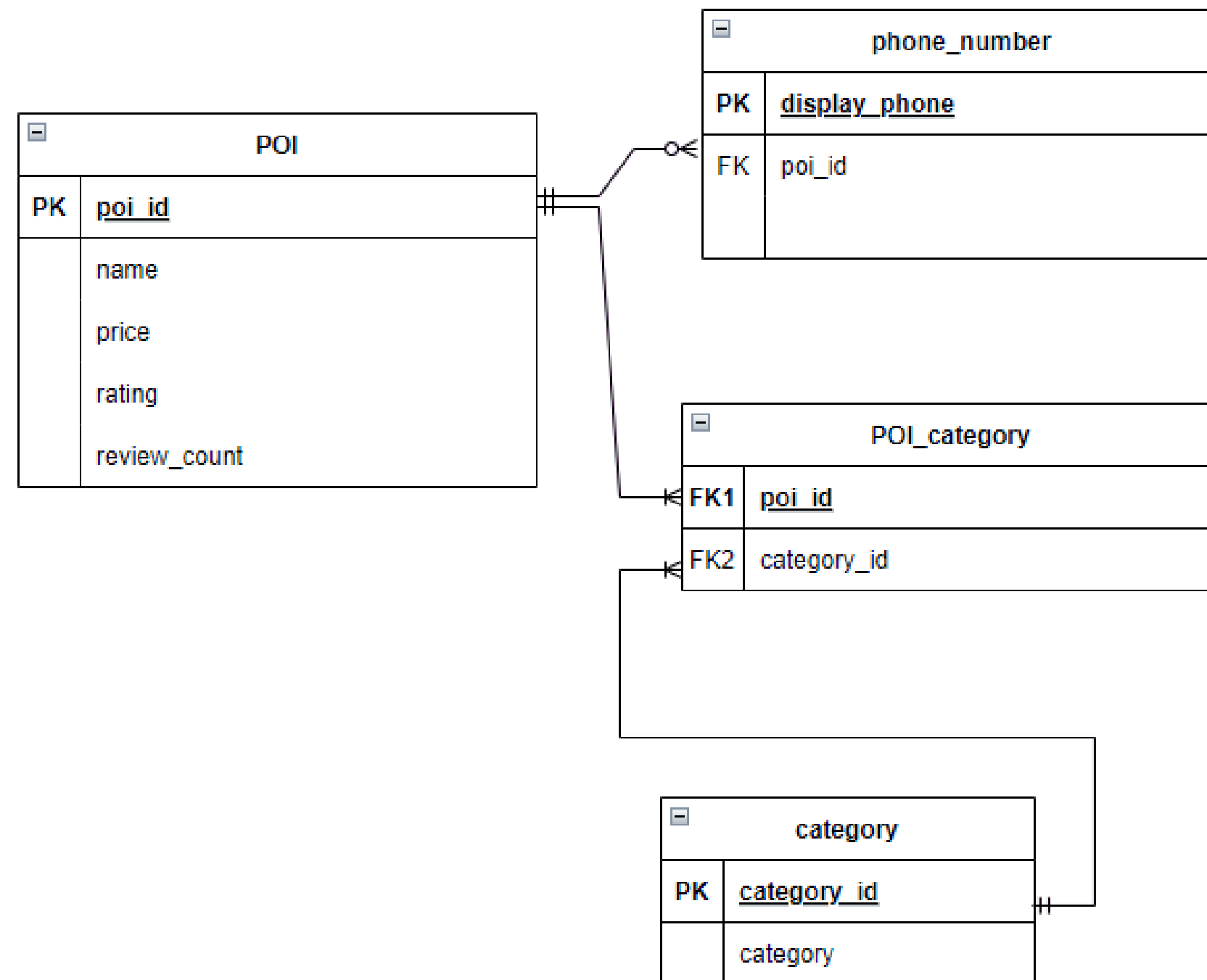
Dogpatch-Trail

Dogpatch-Trail

Project Flow

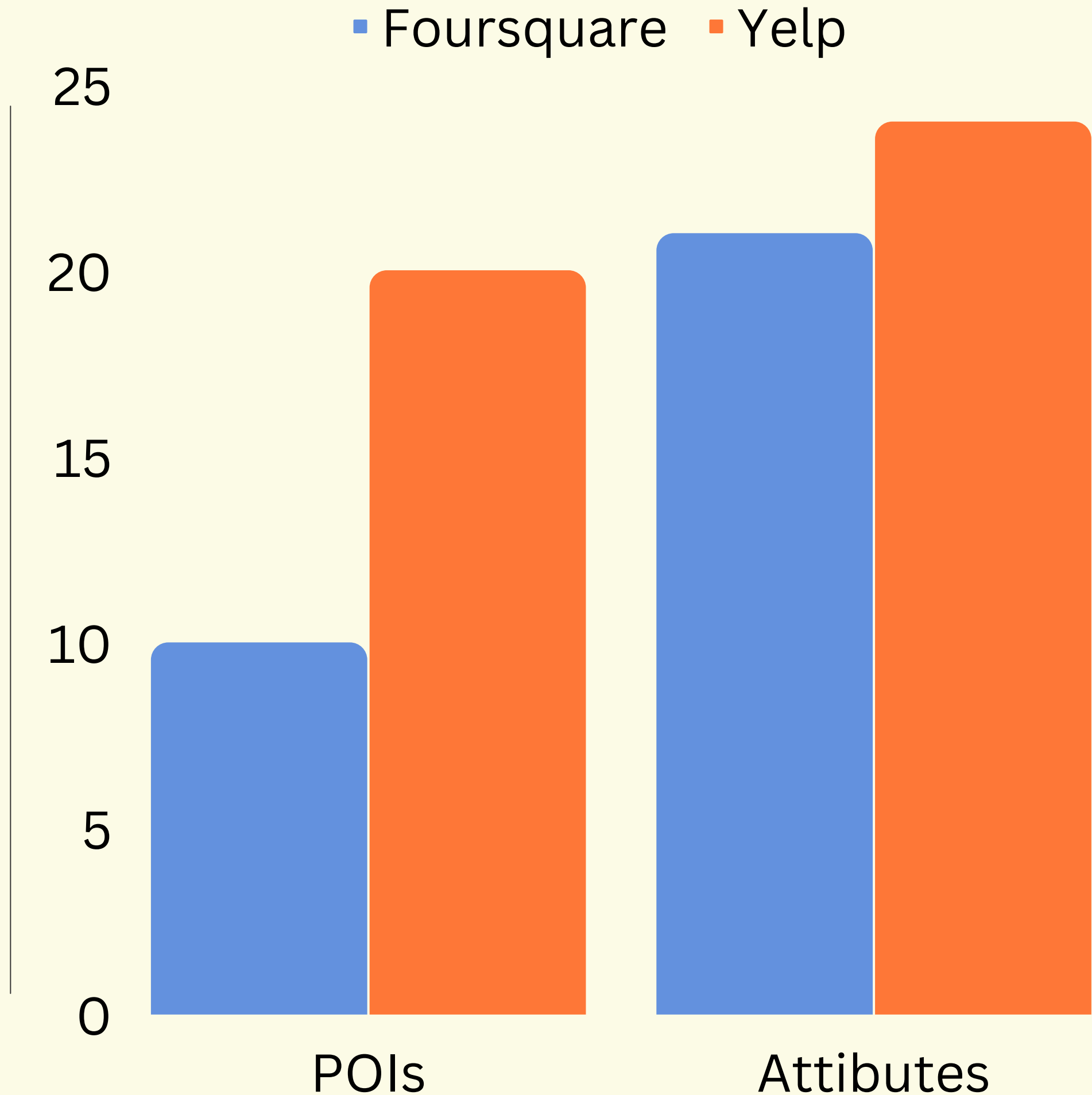


Entity-Relationship Diagram



Results

Yelp coverage
for Ladysmith
is more
extensive



Top 10

- | | | | |
|---|---------------------|----|--------------------------|
| 1 | Taco Revolution | 6 | Oyster Bay Cafe |
| 2 | Plantitude | 7 | Wild Poppy Market |
| 3 | Kaede Sushi & Grill | 8 | Appetit Food for Thought |
| 4 | Phoenix Restaurant | 9 | Maya Norte |
| 5 | Old Town Bakery | 10 | Spice Hut |

Highest-Rated Categories

5.0

Food Trucks

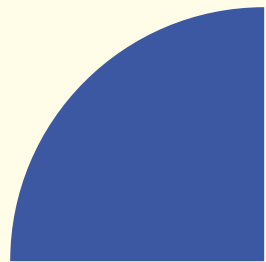
5.0

Vegan

4.75

Mexican

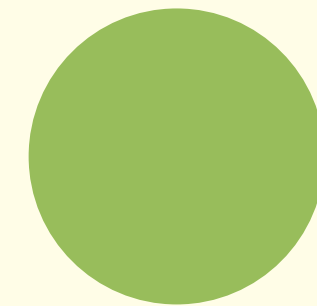
Challenges



Cleaning the data



**Normalizing the
categories into
dataframes**



**Creating
meaningful,
appropriate, and
consistent names
for variables,
dataframes**

Thank you!