

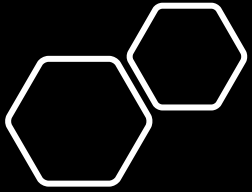


HEADHUNTER

- Focus on helping people to look for jobs in Technology field, especially in Data Science & Big Data

INTRODUCTION

- How to start a headhunter business in Austin, TX
 1. Look for jobs available in the neighborhoods to find out the demand and the lack of services
 2. Delve into each neighborhood to understand why and how available jobs existed in the area
 3. Compare similarity and dissimilarity among specific neighborhoods to eliminate redundancy



DATA

- SEARCH FOR JOBS AVAILABLE IN AUSTIN

Only one ServJob shows up

- EXPLORE BUSINESS IN THE NEIGHBORHOOD

Services are the main job in Austin

- RESULTS

There are 30 restaurants showing up in the neighborhood

```
[8]: # assign relevant part of JSON to venues
venues = results['response']['venues']
#venues = results['response']['groups'][0]['items']

# transform venues into a dataframe
dataframe = json_normalize(venues)
dataframe.head()

/home/jupyterlab/conda/envs/python/lib/python3.6/site-packages/ipykernel_launcher.py:6: FutureWarning: pandas.io.json.json_normalize is deprecated, use pandas.io.json_normalize instead
```

```
[8]:
```

	id	name	categories	referralid	hasPerk	location.lat	location.lng	location.labeledLatLngs	location.distance	location.cc	location.city
0	5728f9d4498e4d039ce99626	ServJobs	4bf58dd8d48988d1ff941735', [[id: 'name': 'M...	v- 1606084927	False	30.266925	-97.743387	[[label: 'display', 'lat': 30.26692538455611...	468	US	Austin

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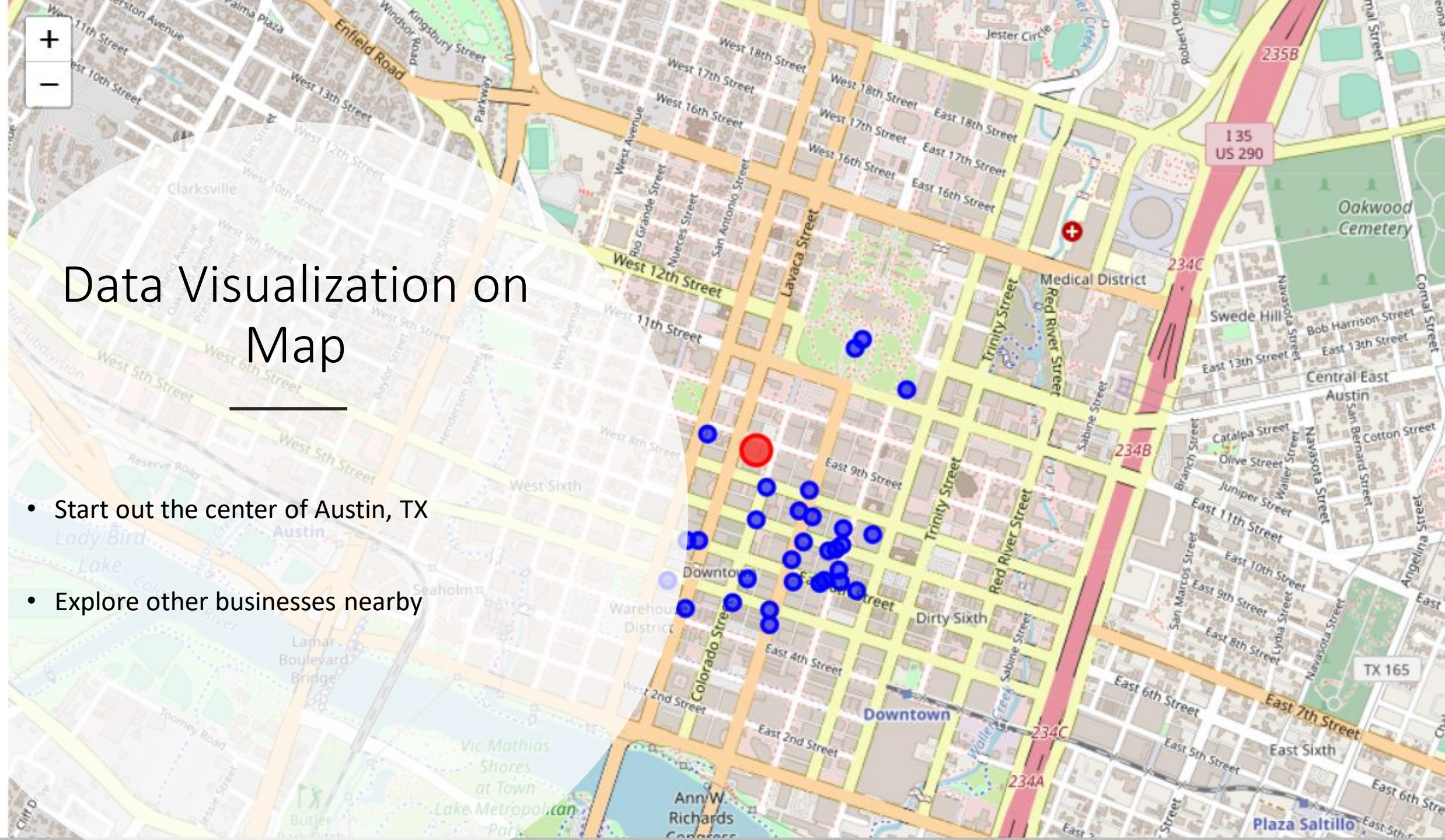
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VISUALIZE INTERSTING PLACES NEARBY

```
[31]: dataframe_filtered.name
#dataframe_filtered.categories
```

```
[31]: 0 Perry's Steakhouse
1 Paramount Theatre
2 Caff  Medici
3 The Townsend
4 Upstairs at Caroline
5 The Iron Bear
6 Royal Blue Grocery
7 CU29 Cocktail Bar
8 The Driskill Bar
9 Texas State Capitol
10 The Driskill
11 Firehouse Hostel and Lounge
12 Slake Cafe & Bar
13 Texas Capitol Grounds
14 The Roosevelt Room
15 Gloria's Latin Cuisine
16 CAVA
17 Wild About Music
18 Capitol Visitors Center
19 Eureka!
20 Here Nor There
21 Lonesome Dove Western Bistro
22 Maiko Sushi Lounge
23 Moonlight Tower (9th & Guadalupe)
24 Comedor
25 Turf N' Surf Poboys
26 Voodoo Doughnut
27 Shiner's Saloon
28 Omni Austin Hotel Downtown
29 SoulCycle Downtown Austin
Name: name, dtype: object
```


[24]:





CONCLUSION

- Austin is lack of jobs in Technology and Big Data.
- In addition to lacking of jobs in industrial field, beverage shops are another option to serve around restaurants.