Job Searching in a Foggy Jungle

Goal: Find a cool data job close to home, kids, spouse, cat and chicken

Problems:
1)Too many job sites, too many duplicate listing, phishing listings
2) Commute times can vary widely depending in direction and time of day
          Miles is a poor indicator of commute time. We can do better!!!

Solution: Let the computer hack on the jungle for you

Meta Data

Top 5 Job Listings

#1—Data and Beer

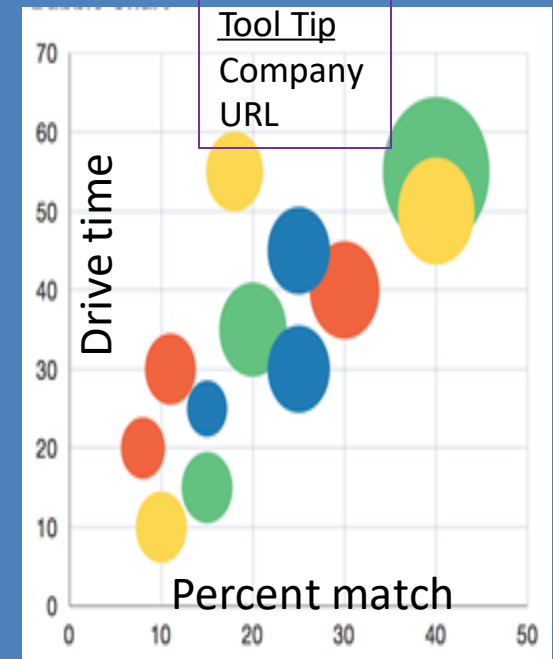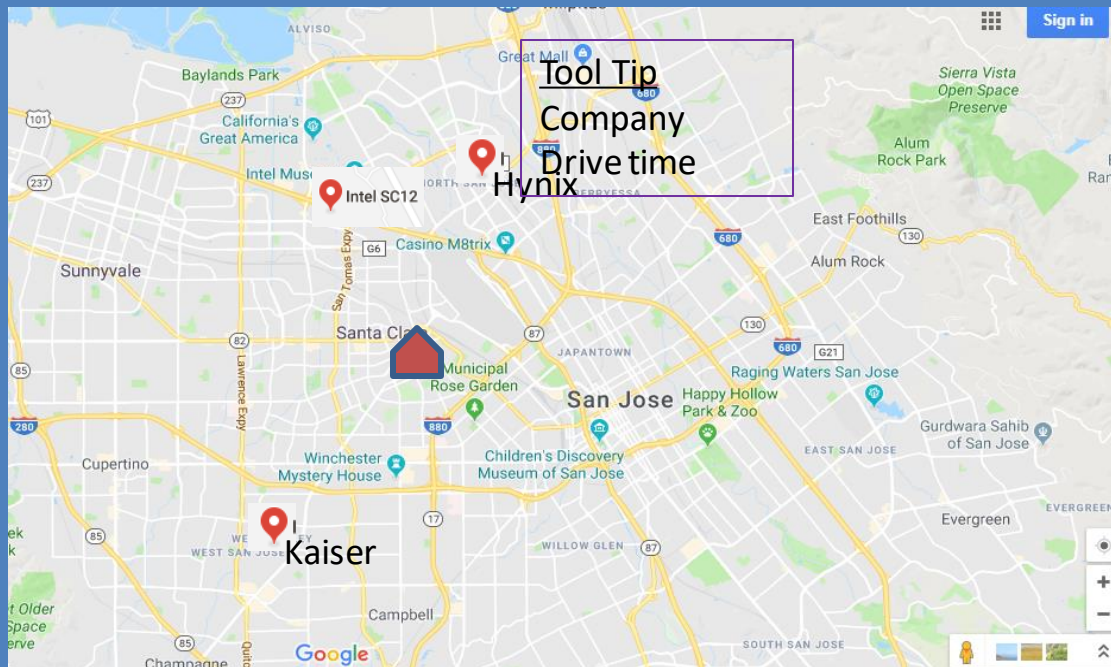#2—Data and Food

#3—Data and Medicine

#4—Data and xxx

#5—Data and xxx

Go Get Mo Job Listings

Tool Tip
Company
Drive time

Hynix

Kaiser

Tool Tip
Company
URL

Drive time

Percent match

Foggy Jungle Architecture

Scrape Indeed
python

db
mongo

Meta Data
1)   Home location
2)   Key words
3)   Commute time
        CSV

Combine DB
1)   Delete dups
2)   Travel time from home
3)   Match to key words

Python libraries
1)   Pymongo
2)   NLP
3)   Pandas

db
mongo

Scrape now

Flask Server
python

db
mongo

Web page
Html
JS
CSS

Scrape now

Scrape Glassdoor
python

db
mongo