

# Universities Visiting Scheduler Presentation

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*Assume that this presentation aims to share the result to my clients, who are the end user of the report, I'll include no code here since my client should be expecting comprehensive result and will not have the knowledge or interest in reviewing the code.*

## **Introduction and Data**

This scheduler is built to assist you on planning your university investigation trip in San Francisco.

The location data used in this presentation is provided by Foursquare, a crowdsourced location based social network service.

## **Methodology**

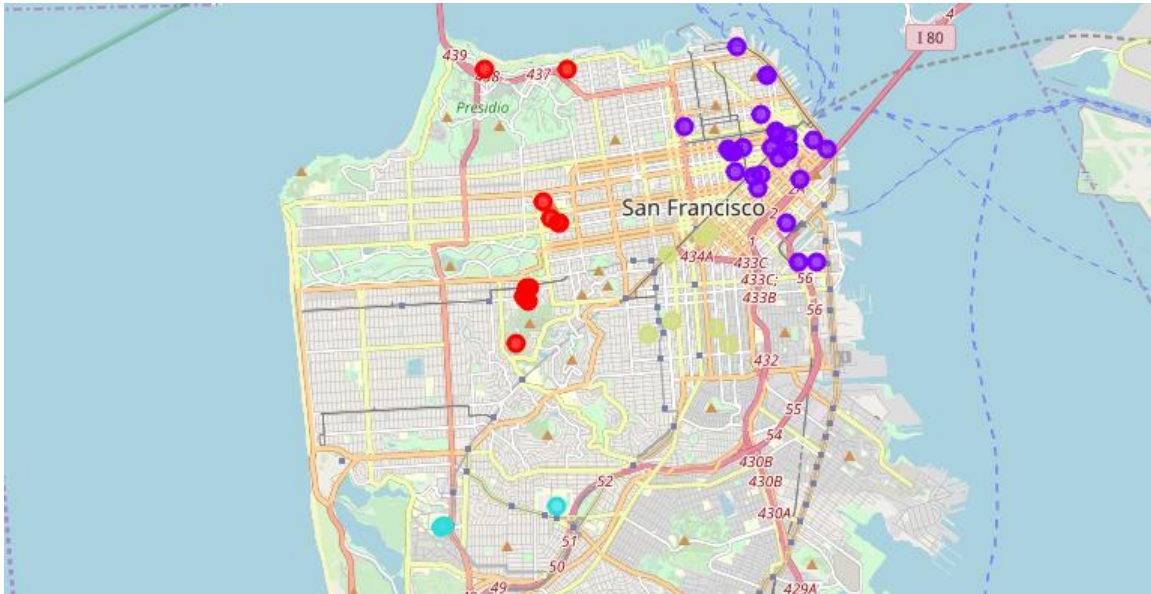
Location data were fetched with Foursquare API and converted into Dataframe using pandas.

The result is clustered using the latitude and longitude of the universities with a Machine algorithm 'k-means'.

## **Solution**

- The map in the second page shows where the universities are located, grouped by the distance from one another with different color. Visiting one group a day should be the best time-optimized solution.
- The list under the map includes name of the universities partitioned by day, which is our recommended schedule.

## Map of San Francisco



## Day 1

	Name	Category
0	UCSF Parking Garage - P5	University
1	UCSF - School Of Nursing	University
2	University of California, San Francisco (UCSF)	University
3	UCSF Department of Pathology	University
4	Eli and Edythe Broad Center of Regeneration Me...	University
11	I see you lil' punk ass	University
15	Academy Of Art University - Palace Of Fine Arts	University
17	USF Presidio Campus	University
25	USF - University of San Francisco	University
27	UCSF Parking Garage P8 Purple	University
29	UC Berkeley Course On Advanced Tantra. Level 5	University
39	USF - Learning & Writing Center	College Arts Building
42	USF - Student Disability Services	College Administrative Building

## Day 2

	Name	Category
6	UCSF Mission Bay	Medical School
8	Northwestern University San Francisco	University
9	Academy of Art University - Powell	Art Gallery
12	UCSF Mission Bay - Sandler Neurosciences Bldg	University
16	University of the Pacific, Dugoni School of De...	Medical School
18	USF - Downtown Campus	University
19	Academy of Art University - Brannan	College Arts Building
20	Wharton   San Francisco	University
21	RocketSpace Innovation Campus	University
22	INSEEC	University
23	AAU Edgar Degas Building	University
24	Academy of Art University-625 Sutter	College Arts Building
26	SFSU Downtown Campus	College Academic Building
28	Golden Gate University School of Law	University
30	Academy of Art University - 79NM	University
32	Akamai University	University
33	CCSF Campus	University
34	The Green Office	University
36	Zipfian Academy	University
38	Plein de Cran	University
41	Techweb HQ	General Travel
43	Alliant International University: CSPP	University
44	Academy of Art University	University
45	Hult International Business School	University
46	Sephora University	Office
48	Golden Gate University	General College & University
49	City College of San Francisco Downtown Campus	College Academic Building

**Day 3**

	Name	Category
7	California Institute of Integral Studies	College Academic Building
10	Santa Clara University	University
13	Make School	University
14	Stoop	University
31	Alliance Health Project	Medical Center
35	Zac Citte	University
40	CTI Coaching Certification Call	University

**Day 4**

	Name	Category
5	San Francisco State University (SFSU)	University
37	SFSU Anthropology Student Lounge	University
47	City College of San Francisco, Ocean Campus	Community College