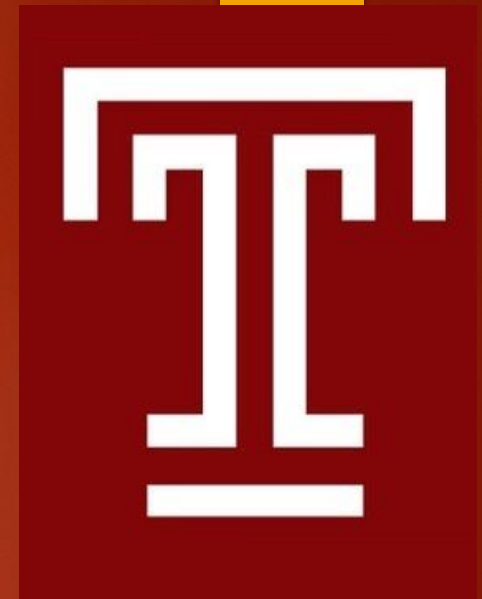


Bike Station Analysis



-By Jianjin Liao

Overview

- Four Factors
- Six Variables
- Seventeen Features



Four Factors

Security

Class's Distributions

Core

Living Areas

Eating Areas



Six Variables and Characteristics



the available bikes

residence/study zone

indego station

numbers of nearby buildings

the frequency of users

dining area



Seventeen Features



- Student Center



Seventeen Features



- Paley Library



Seventeen Features



- Tuttleman



Seventeen Features



- 1810 Liacouras Walk



Seventeen Features



- Tyler School of Art



Feature ID	Feature Name	Lat/Long	Var. 1 Available Bikes	Var. 2 Numbers of Nearby Buildings	Var. 3 Residence /Study zone	Var. 4 The Frequency of users' numbers	Var. 5 Indego bikes station	Var. 6 Dining car/Eating Zone
1	The Fresh Grocer		23	High	Residence	90%	Yes	Yes
2	Ritter Annex		8	High	Study	30%	No	No
3	1300 Residence Hall		12	High	Residence	50%	No	No
4	Temple Tower		5	Medium	Residence	80%	No	No
5	Weiss Hall		15	Medium	Study	80%	No	No
6	Paley Library		85	High	Study	90%	No	Yes
7	Student Center		36	High	Study	50%	No	Yes
8	Ritter Hall		37	High	Study	90%	No	Yes
9	Beury Hall		38	High	Study	30%	No	No
10	Speakman Hall		9	High	Study	10%	No	Yes
11	Conwell Hall		5	High	Study	0%	No	Yes
12	1810 Liacouras Walk		18	High	Study	80%	No	Yes
13	Tuttleman		66	High	Study	90%	Yes	Yes
14	Tech Center		23	High	Study	90%	No	Yes
15	Food Court		12	High	Study	50%	No	Yes
16	Tyler School of Art		70	Medium	Study	70%	No	Yes
17	College of Engineering		32	High	Study	20%	No	Yes



3D Google Map

- ▶ <https://drive.google.com/open?id=1jSIBPVtvYQe81kA-NfDABuGdRVZuus2A&usp=sharing>

