Check-in & Rating of Restauratants

Data Sources : Yelp + Instagram

Yelp:

The challenge dataset from Yelp.

Json Object.

Location, Review counts, Rating, City.

Instagram:

Instagram API for python.

Json.

Location, numbers of check-in.

https://www.yelp.com/dataset_challenge

Data Manipulation Methods

Yelp:

- Minimize data
- Parse only restaurant data
- 3. Review counts
- 4. Store data

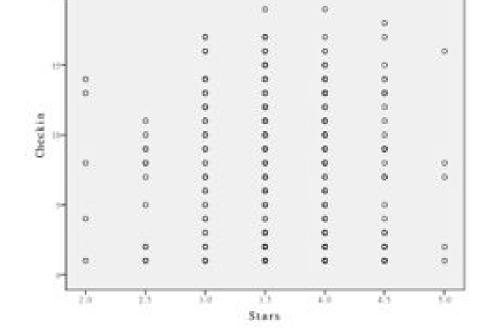
Instagram API:

- Search for location id in Instagram
- 2. Validate that the locations from Yelp and Instagram are the same businesses:
- Numbers of check-in
- 4. Store data
- 5. Final data

Analysis and Visualization

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		Stars	Reviews	Checkin
Stars	Pearson	1	.136"	059
	Correlation			
	Sig. (2-tailed)		.010	.262
	N	360	360	360
Reviews	Pearson	.136	- 1	.041
	Correlation	22042200		1.000
	Sig. (2-tailed)	.010		.438
	N	360	360	360
Checkin	Pearson	059	.041	
	Correlation			
	Sig. (2-tailed)	.262	.438	
	N	360	360	360



^{**.} Correlation is significant at the 0.01 level (2-tailed).