

Check-in & Rating of Restauratants

Data Sources : Yelp + Instagram

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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

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Yelp:

1. Minimize data
2. Parse only restaurant data
3. Review counts
4. Store data

Instagram API:

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

Analysis and Visualization

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

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

