Finding a Hotel for a business trip

Introduction

- Going to Las Angeles for a business trip
- Wanted a hotel in walking distance
- Wanted a high rating hotel

Data

- I used Foursquare data
- Gathered a list of hotels in Los Angeles with distance from downtown (where my business will meet)
- Added rating of hotels to the data set and sorted by it.

FOURSQUARE

Methodology

- After gathering the data I had a lot of cleaning to do.
- From just hotel and distance data being clean the data went from 30 rows to only 16.
- From adding rating to the data set only 5 had rating data
- Allowed me to pick my choice from only 5 hotels.

Name	Distance	Ratings
Andaz West Hollywood	12891	8.2
W Los Angeles – West Beverly Hills	18308	7.3
Omni Los Angeles Hotel	721	6.5
Hotel Solarie	2772	5.7

Results

- Picked Omni Los Angeles Hotel at California Plaza
- Closest hotel
- Decent rating

Discussion

- No matter the radius, Foursquare will not go past the city limits
- There was only 5 ratings for the 16 hotels

Conclusion

- I found the perfect hotel for my situation Omni Los Angeles Hotel

Problems to think about in the future

- Foursquare is a great tool to gather data, but shouldn't be the only tool
- Code needs to be modified if the city is in a metropolitan area