



Exploring Hotels Near CN Tower, Toronto

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16th June 2020

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Introduction



Background

There is a group of tourists from Indonesia that would like to go to Toronto for their holiday and they would like to stay at good rating hotel near CN Tower since there are lots of good restaurants in that area. This analysis is used to help them find the best place to stay during their visit to Toronto.





Data Section

About Data



Data Source

The FourSquare API is used to collect data about locations of the various hotels nearby CN Tower,

which later on be used for acquiring the information of the hotels and their rating.

I used radius of 300 meters from CN Tower for this analysis.

Data Cleaning

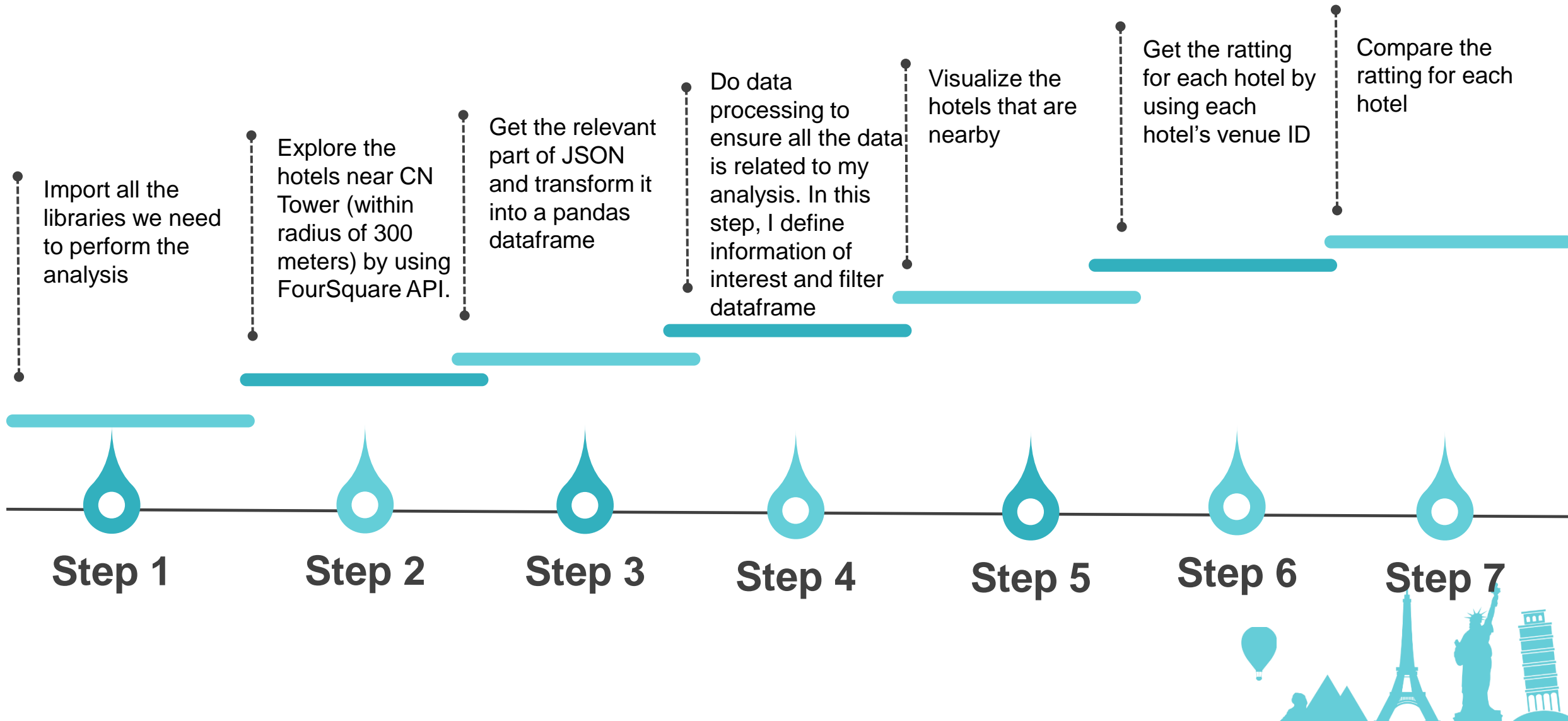
Since there are some information do not relate to the analysis, hence data needs to be filtered and organized. Therefore, I made following changes in order to clean the data:

- Keep only columns that include venue name, and anything that is associated with location
- Function that extracts the category of the venue
- Filter the category for each row
- Clean column names by keeping only last term
- Remove data that not fall under hotel categories (Ex: restaurants, gym, co-working space, etc)



Methodology

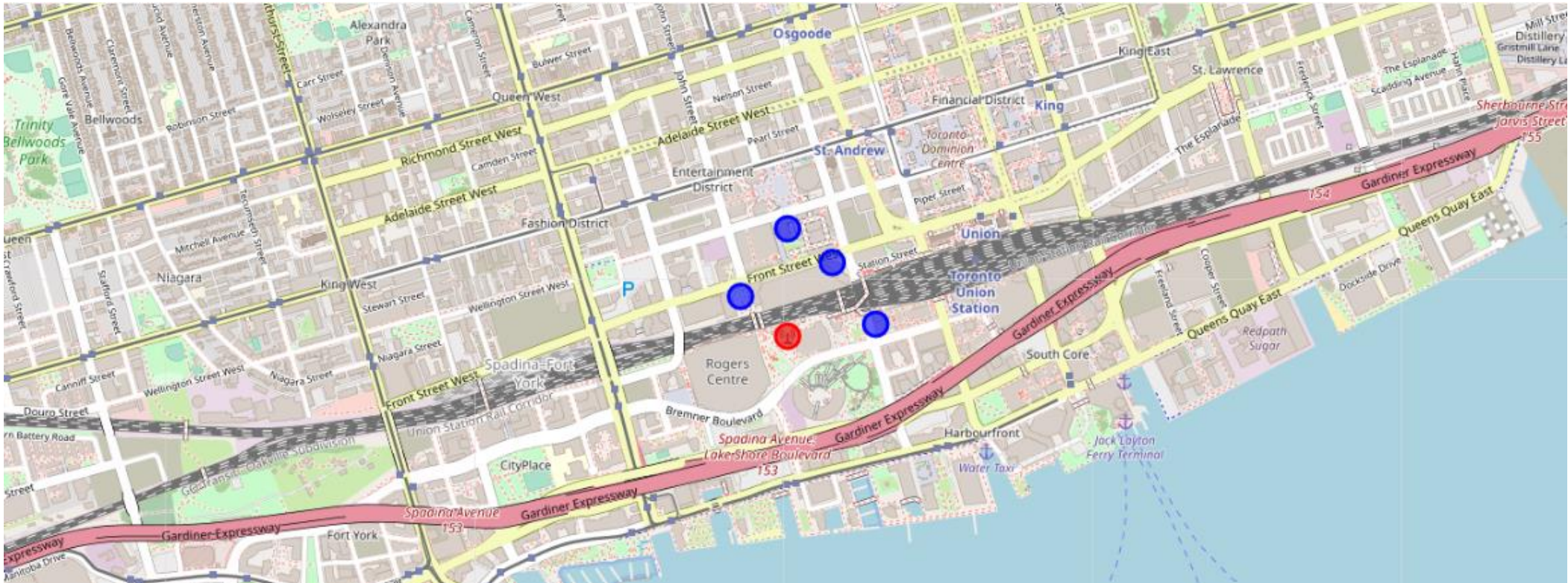
Step by Step





Results

Visualization



CN Tower



Hotels nearby



As we can see, there are a total of four (4) hotels within radius of 300 meters from CN Tower which are:

name	categories	address
Delta Hotels by Marriott Toronto	Hotel	75 Lower Simcoe Street
Toronto Marriott City Centre Hotel	Hotel	1 Blue Jays Way
InterContinental Toronto Centre	Hotel	225 Front Street West
The Ritz-Carlton	Hotel	181 Wellington Street West



After that I checked the rating for each hotel and get the result as below:

Hotels	Rating
Delta Hotels by Marriott Toronto	9.0
Toronto Marriott City Centre Hotel	7.4
InterContinental Toronto Centre	7.3
Ritz Carlton	8.6



Discussion & Recommendations

- I noticed that the overall rating for both Delta Hotels by Marriott Toronto and Ritz Carlton are higher than 8.5, which means both of the hotels have a very high rating.
- I recommend to take into account price and hotel facilities since both factors are not yet included in this analysis.



Conclusion



Conclusion

From the results above, Delta hotels by Marriott Toronto has the highest rating and it is located near CN Tower. Hence we recommend the tourists to stay at **Delta Hotels by Marriott Toronto**.

However, this analysis is solely based on the location and rating, in which we are assuming price is not a matter for the tourists. If we want to include both price and hotels' facilities as additional factors, then further study need to be conducted.



Thank you

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