

# Travel Recommendation System

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# Introduction

Planning a holiday = research + time



# Introduction

Different people have different opinions..

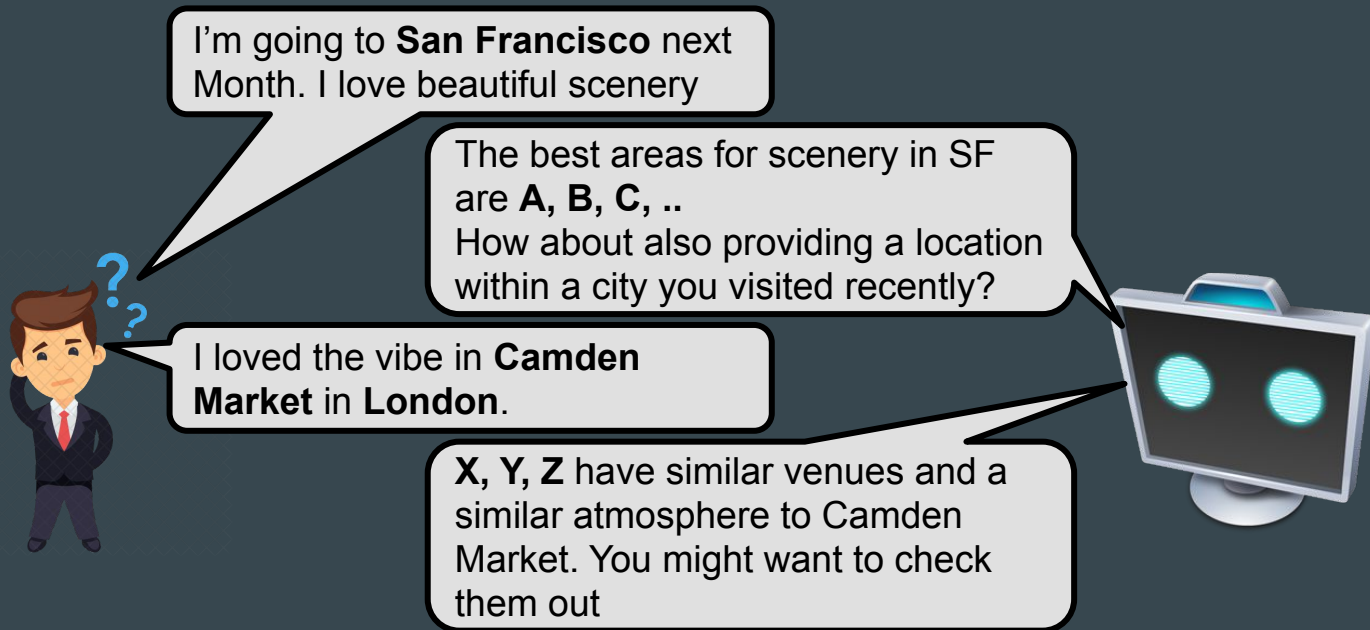


Spend a day strolling along X and Y streets which are great areas for shopping

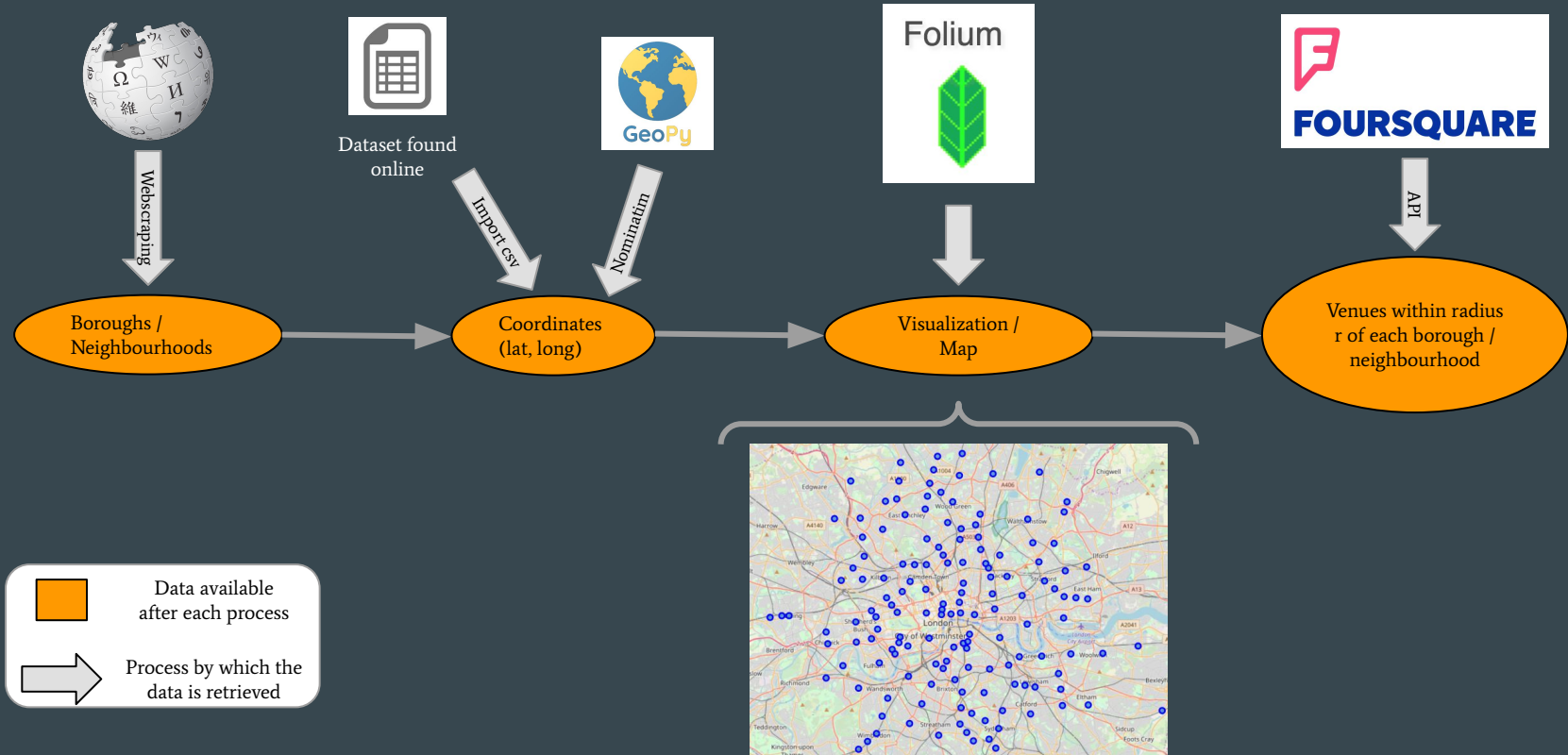


# Goal of the project

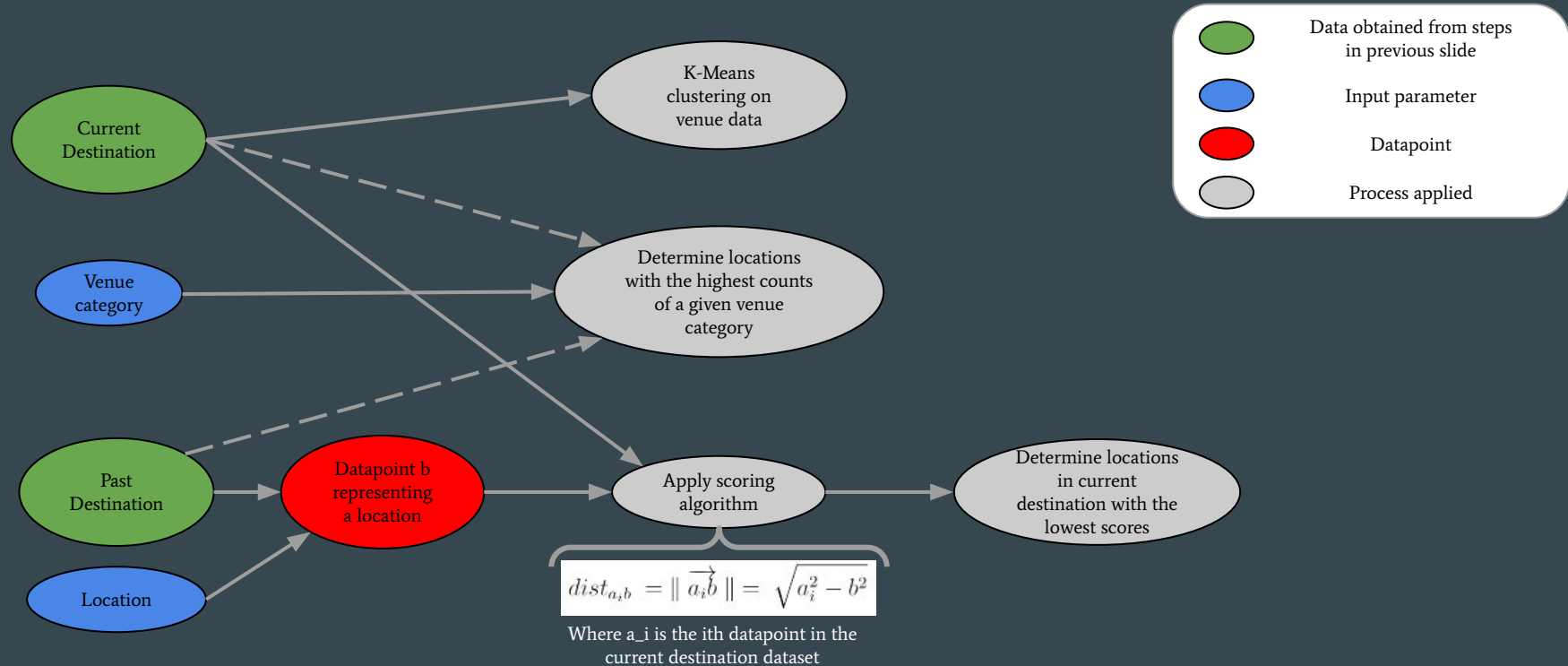
What if a system could take into account **your** preferences and recommend places that correspond to **you**?



# Methodology: Data Collection

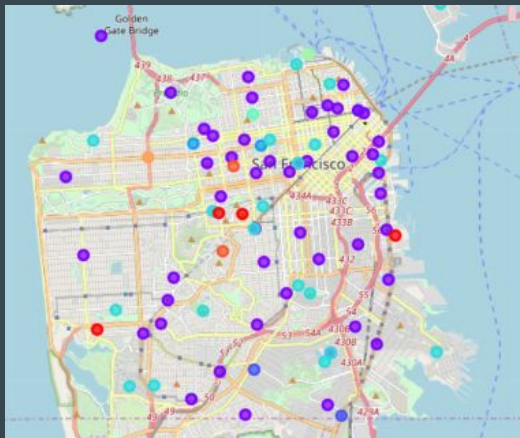


# Methodology: Travel Recommendation



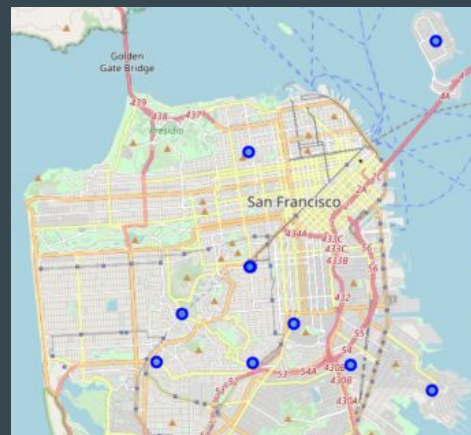
# Results

K-Means  
clustering on  
venue data



Determine locations  
with the highest counts  
of a given venue  
category

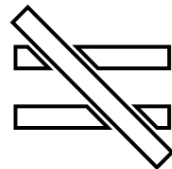
Determine locations  
in current  
destination with the  
lowest scores



# Discussion

$r \begin{cases} \text{small,} & \text{venues are not representative of location} \\ \text{large} & \text{not specific to location} + \text{overlaps} \end{cases}$

Similar nb  
venues per  
category



Similar  
atmosphere



# Future Work

