

Michelin Star Restaurants



Group B

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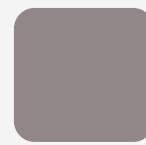
MICHELIN STAR RESTAURANTS



USER INPUT OPTIONS

- CUISINE
- CITY

Dropdowns and GoogleChart update when either is selected



HOTEL OPTIONS BASED ON CUISINE & CITY

The final Map updates when both are selected

Data



DATA SOURCE

Kaggle Michelin Starred Restaurants
Google API to Append hotel data by proximity



ELT

Data Sources, API + CSV



FLASK APP

/ rendertemplate -> index.html
/data -> mongodb



MONGO DB

/data -> json_data.py -> mongo



HTML + JAVA

index.html -> fullpage.js & func.js &
map_logic.js & wordcloud1.js





FLASK + MONGO + HTML + JAVA

EXTRACT & TRANSFORM

name
michelin_award
city,country
lat,lon,image
cuisine1
url
Hotel_Name
h_lat,h_lon

LOAD

json_data.py
csv -> mongodb
[{"data"}]

FLASK

"/ " index.html
"/data" json_data.py

INDEX.HTML

containers
java
css

func.js

drop downs
user input
options
filter

map_logic.js

user input map
hotel locations

wordcloud1.js

word cloud
most common
restaurant cuisines

fullpage.js

full page theme

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