

Readme

The following folder contains eight files. They contain code used to webscrape, notebook used for initial analysis and notebook used for report writing. As the initial analysis notebook is written before conducting additional web scraping, it bases itself off “Initial_analysis.xlsx”, which contains less information when compared to “Main_analysis.xlsx”. The latter is created after defining scope and direction with the former.

File contains:

File name	Description	Libraries/ files used
Program		
Group5 WebScraping.ipynb	Code used for web scraping ** new excel file would be generated to demonstrate running of code	-selenium -bs4 -openpyxl -time
Initial_analysis.xlsx	Excel file used initially to understand restaurant trends on OpenRice	
Initial analysis.ipynb	Code used to prepare for ppt and narrow scope	<ul style="list-style-type: none">- Initial_analysis.xlsx- Pandas- Numpy- OrdinalEncoder from sklearn- Matplotlib- Seaborn
Main_analysis.xlsx	Excel file storing data base for main analysis included more Info about Japanese restaurant	
Main_Analysis.ipynb	Code used for report writing	<ul style="list-style-type: none">- Main_analysis.xlsx- Pandas- Numpy- OrdinalEncoder from sklearn- Matplotlib- Seaborn Optional: display, HTML from IPython.core.display
Documentation:		
Report		
Powerpoint for presentation of initial idea		
Peer evaluation form		