

Test

April 5, 2020

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[1]: `get_ipython().system(u' pip install beautifulsoup4')`

Requirement already satisfied: beautifulsoup4 in
/home/jupyterlab/conda/envs/python/lib/python3.6/site-packages (4.8.2)
Requirement already satisfied: soupsieve>=1.2 in
/home/jupyterlab/conda/envs/python/lib/python3.6/site-packages (from
beautifulsoup4) (2.0)

[]:

[2]: `import numpy as np # library to handle data in a vectorized manner`

`import pandas as pd # library for data analysis`
`pd.set_option("display.max_columns", None)`
`pd.set_option("display.max_rows", None)`

`import json # library to handle JSON files`

`import requests # library to handle requests`
`from bs4 import BeautifulSoup # library to parse HTML and XML documents`

`from pandas.io.json import json_normalize # tranform JSON file into a pandas`
`↳dataframe`

`# Matplotlib and associated plotting modules`
`import matplotlib.cm as cm`
`import matplotlib.colors as colors`

`# import k-means from clustering stage`

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from sklearn.cluster import KMeans

import folium # map rendering library

print("Libraries imported.")
```

Libraries imported.

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[3]: from geopy.geocoders import Nominatim # convert an address into latitude and
      ↪ longitude values
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