PART 2

Clustering Indian Cities on the basis of

- Analysis of cost-living index
- Clustering of concerning cities
- Analysis of Rent Index
- Exploration of venues in concerning cities

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In[1]: %pip install folium
%pip install geopy
%pip install pandas
%pip install matplotlib
%pip install sklearn
%pip install sklearn_extra
%pip install numpy
%pip install seaborn
%pip install requests
%pip install bs4
%pip install lxml
%pip install geopandas
%pip install geopandas_osm[pyrosm]
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Out[1]: Requirement already satisfied: folium in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.12.1.post1)
Requirement already satisfied: branca>=0.3.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.4.2)
Requirement already satisfied: jinja2>=2.9 in /home/jupyter-labs-venv/lib/python3.7/site-packages (3.0.3)
Requirement already satisfied: numpy in /home/jupyter-labs-venv/lib/python3.7/site-packages (1.21.6)
Requirement already satisfied: requests in /home/jupyter-labs-venv/lib/python3.7/site-packages (2.28.1)
Requirement already satisfied: MarkupSafe>=2.0.0rc2 in /home/jupyter-labs-venv/lib/python3.7/site-packages (2.0.1)
Requirement already satisfied: charset-normalizer<2.1.1,>=2 in /home/jupyter-labs-venv/lib/python3.7/site-packages (2.1.1)
Requirement already satisfied: idna<4,>=2.5 in /home/jupyter-labs-venv/lib/python3.7/site-packages (3.4)
Requirement already satisfied: urllib3<1.26,>=1.21.1 in /home/jupyter-labs-venv/lib/python3.7/site-packages (1.25.11)
Requirement already satisfied: certifi<2022.12.07 in /home/jupyter-labs-venv/lib/python3.7/site-packages (2022.12.7)
Requirement already satisfied: geopy in /home/jupyter-labs-venv/lib/python3.7/site-packages (2.3.1)
Requirement already satisfied: geopy-extra-rate-limiter>=1.0.1 in /home/jupyter-labs-venv/lib/python3.7/site-packages (1.0.1)
Requirement already satisfied: geopy-extra-timeout>=1.0.1 in /home/jupyter-labs-venv/lib/python3.7/site-packages (1.0.1)
Requirement already satisfied: requests-cache>=0.9.7 in /home/jupyter-labs-venv/lib/python3.7/site-packages (1.0.1)
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Requirement already satisfied: requests-cache-stubs>=0.1.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.1.0)
Requirement already satisfied: requests-cache-sqlite>=0.1.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.1.0)
Requirement already satisfied: requests-cache-redis>=0.1.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.1.0)
Requirement already satisfied: requests-cache-mongo>=0.1.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.1.0)
Requirement already satisfied: requests-cache-dynamodb>=0.1.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.1.0)
Requirement already satisfied: requests-cache-gae>=0.1.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.1.0)
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Requirement already satisfied: requests-cache-redis-cluster>=0.1.0 in /home/jupyter-labs-venv/lib/python3.7/site-packages (0.1.0)
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Mirpur,Jhelum,Jhelum,Jhelum
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