

Imported Libraries & Files:

- final1.py: import pandas as pd | import re
- final2.py: import requests | from bs4 import BeautifulSoup | import pandas as pd | import re
- final3.py: import requests | import pandas as pd | import os | import base64 | import json | from dotenv import load_dotenv
- Final Project.py: import pandas as pd | from math import pi | from bokeh.palettes import Category20c | from bokeh.plotting import figure, show | from bokeh.transform import cumsum | import final1 | import final2 | import final3

Environment:

- Spyder

Other Files:

- .env
- spotify_dataset.csv

Operate Instruction:

- Directly run the file Final Project.py and there will be detailed instructions step by step in the kernel.