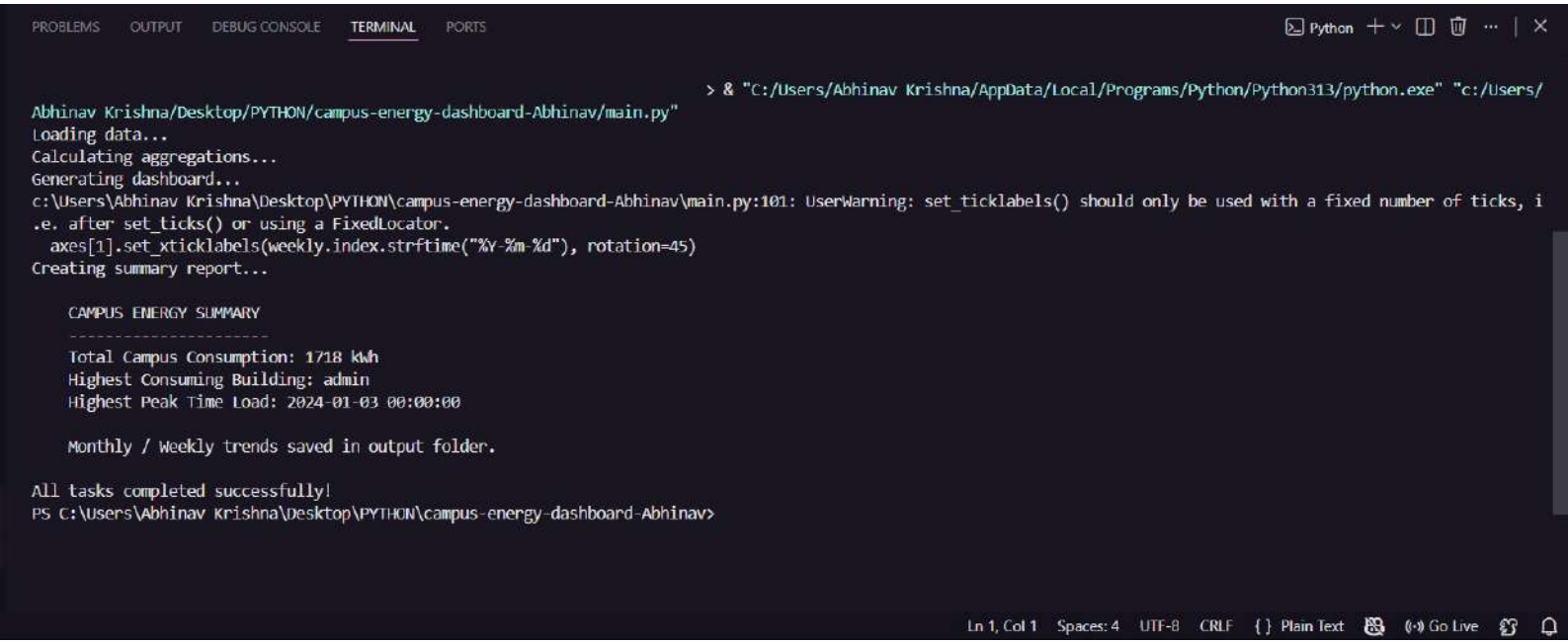
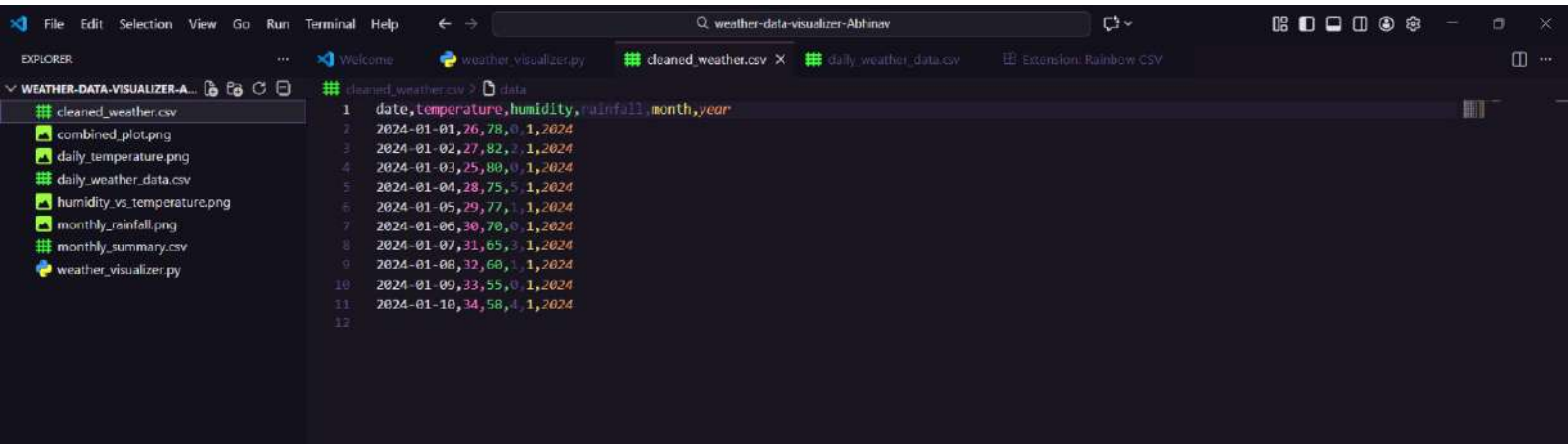
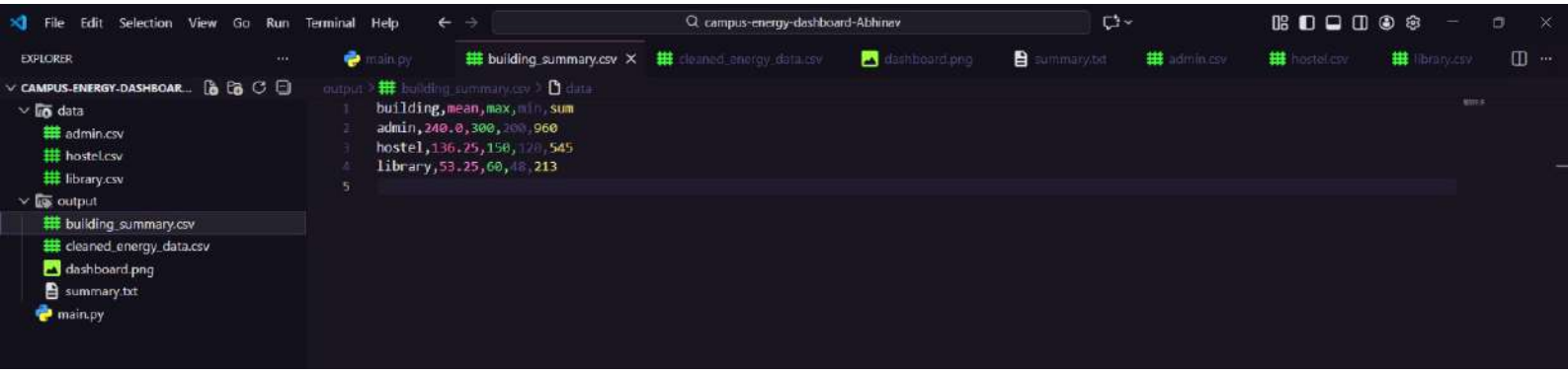
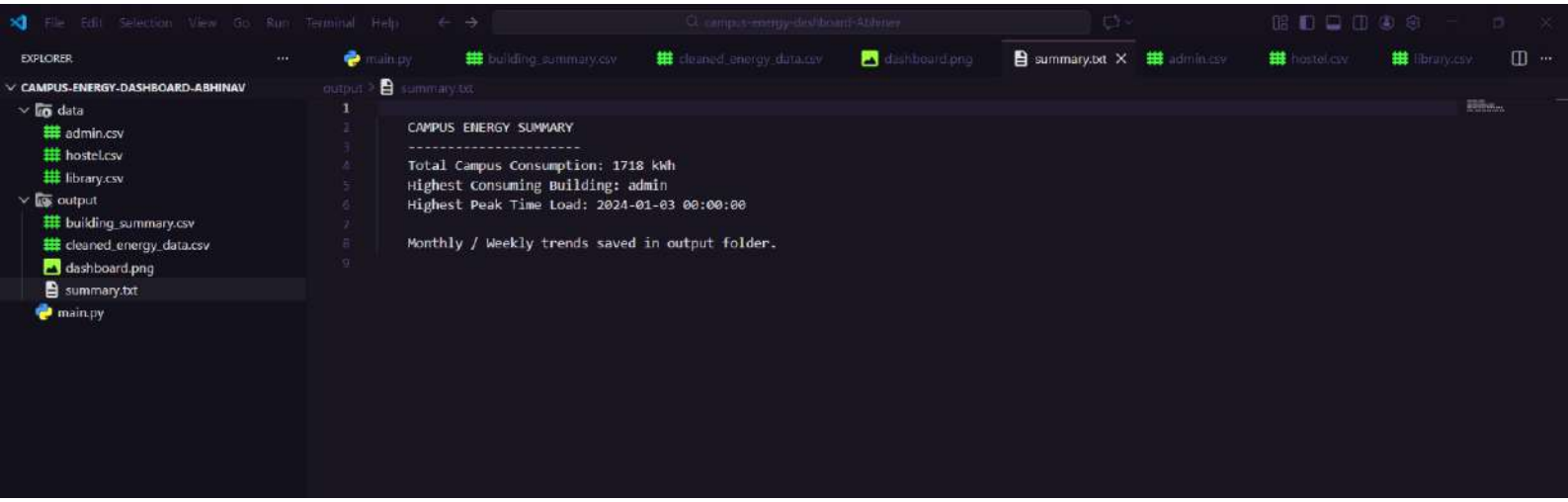
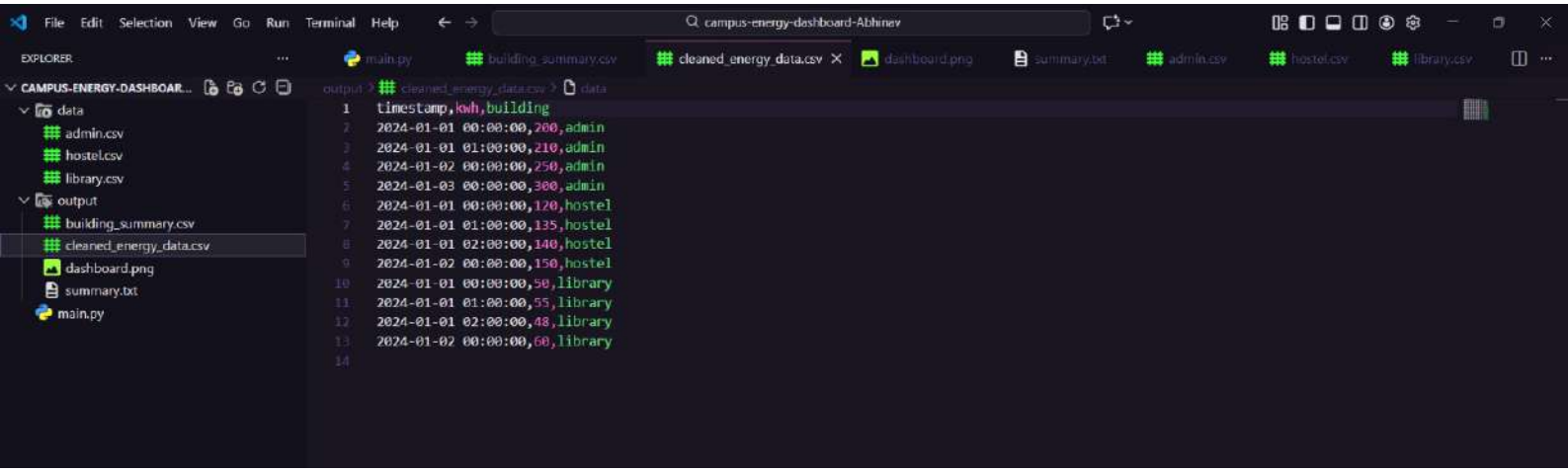

PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Python
> & "C:/Users/Abhinav Krishna/AppData/Local/Programs/Python/Python313/python.exe" "c:/Users/Abhinav Krishna/Desktop/PYTHON/campus-energy-dashboard-Abhinav/main.py"
Loading data...
Calculating aggregations...
Generating dashboard...
c:\Users\Abhinav Krishna\Desktop\PYTHON\campus-energy-dashboard-Abhinav\main.py:101: UserWarning: set_ticklabels() should only be used with a fixed number of ticks, i.e. after set_ticks() or using a FixedLocator.
axes[1].set_xticklabels(weekly.index.strftime("%Y-%m-%d"), rotation=45)
Creating summary report...
CAMPUS ENERGY SUMMARY
Total Campus Consumption: 1718 kWh
Highest Consuming Building: admin
Highest Peak Time Load: 2024-01-03 00:00:00
Monthly / Weekly trends saved in output folder.
All tasks completed successfully!
PS C:\Users\Abhinav Krishna\Desktop\PYTHON\campus-energy-dashboard-Abhinav>
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
{} Plain Text
Go Live


File Edit Selection View Go Run Terminal Help
weather-data-visualizer-Abhinav
EXPLORER
WEATHER-DATA-VISUALIZER-A...
cleaned_weather.csv
combined_plot.png
daily_temperature.png
daily_weather_data.csv
humidity_vs_temperature.png
monthly_rainfall.png
monthly_summary.csv
weather_visualizer.py
Welcome
weather_visualizer.py
cleaned_weather.csv
daily_weather_data.csv
Extension: Rainbow CSV
cleaned_weather.csv > data
1 date,temperature,humidity,rainfall,month,year
2 2024-01-01,26,78,0,1,2024
3 2024-01-02,27,82,2,1,2024
4 2024-01-03,25,80,0,1,2024
5 2024-01-04,28,75,5,1,2024
6 2024-01-05,29,77,1,1,2024
7 2024-01-06,30,70,0,1,2024
8 2024-01-07,31,65,3,1,2024
9 2024-01-08,32,60,1,1,2024
10 2024-01-09,33,55,0,1,2024
11 2024-01-10,34,58,4,1,2024
12

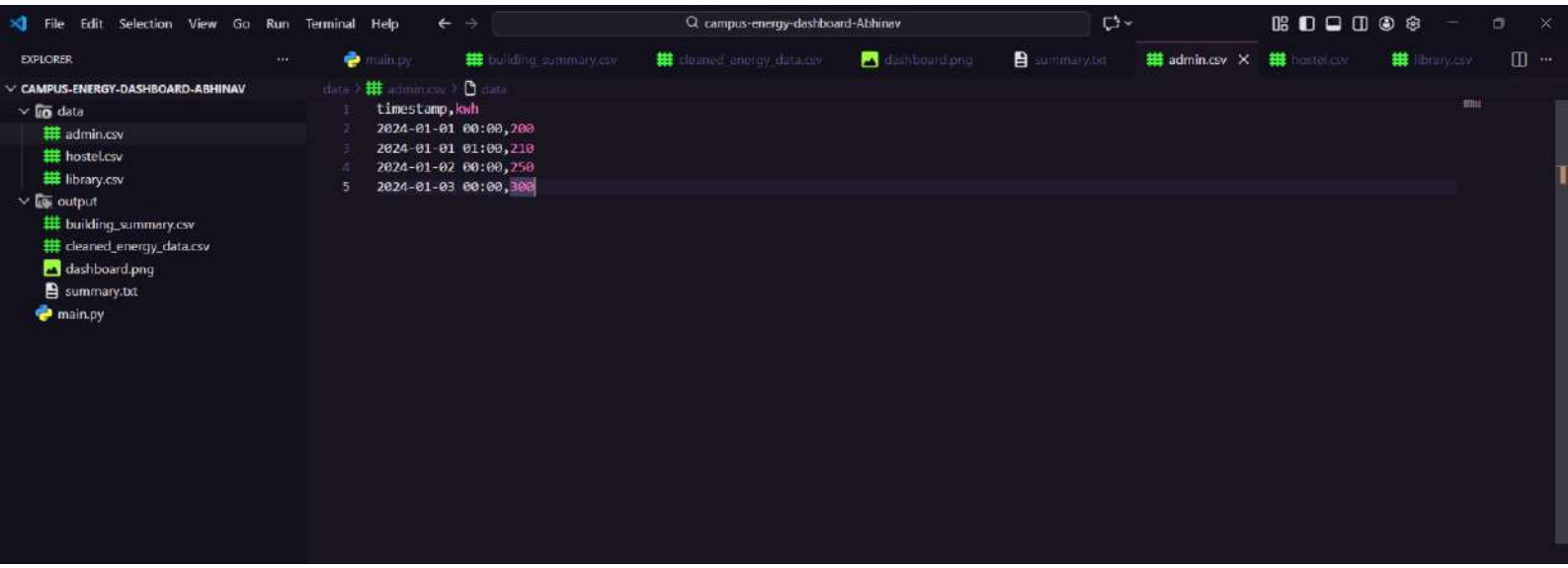

File Edit Selection View Go Run Terminal Help
campus-energy-dashboard-Abhinav
EXPLORER
main.py
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
admin.csv
hostel.csv
library.csv
CAMPUS-ENERGY-DASHBOAR...
data
admin.csv
hostel.csv
library.csv
output
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
main.py
output > building_summary.csv > data
1 building,mean,max,min,sum
2 admin,240.0,300,200,960
3 hostel,136.25,150,120,545
4 library,53.25,60,48,213
5


File Edit Selection View Go Run Terminal Help
EXPLORER
CAMPUS-ENERGY-DASHBOARD-ABHINAV
data
admin.csv
hostel.csv
library.csv
output
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
main.py
main.py
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
admin.csv
hostel.csv
library.csv
output > summary.txt
CAMPUS ENERGY SUMMARY
Total Campus Consumption: 1718 kWh
Highest Consuming Building: admin
Highest Peak Time Load: 2024-01-03 00:00:00
Monthly / Weekly trends saved in output folder.


File Edit Selection View Go Run Terminal Help
campus-energy-dashboard-Abhinav
EXPLORER
CAMPUS-ENERGY-DASHBOAR...
data
admin.csv
hostel.csv
library.csv
output
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
main.py
main.py
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
admin.csv
hostel.csv
library.csv
output > cleaned_energy_data.csv > data
timestamp,kwh,building
2024-01-01 00:00:00,200,admin
2024-01-01 01:00:00,210,admin
2024-01-02 00:00:00,250,admin
2024-01-03 00:00:00,300,admin
2024-01-01 00:00:00,120,hostel
2024-01-01 01:00:00,135,hostel
2024-01-01 02:00:00,140,hostel
2024-01-02 00:00:00,150,hostel
2024-01-01 00:00:00,50,library
2024-01-01 01:00:00,55,library
2024-01-01 02:00:00,48,library
2024-01-02 00:00:00,60,library


File Edit Selection View Go Run Terminal Help
campus-energy-dashboard-Abhinev
EXPLORER
CAMPUS-ENERGY-DASHBOAR...
data
admin.csv
hostel.csv
library.csv
output
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
main.py
main.py
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
admin.csv
hostel.csv
library.csv
data > library.csv > data
timestamp,kwh
2024-01-01 00:00,50
2024-01-01 01:00,55
2024-01-01 02:00,48
2024-01-02 00:00,60


File Edit Selection View Go Run Terminal Help
campus-energy-dashboard-Abhinav
EXPLORER
main.py
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
admin.csv
hostel.csv
library.csv
CAMPUS-ENERGY-DASHBOAR...
output > dashboard.png
data
admin.csv
hostel.csv
library.csv
output
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
main.py
Daily Campus Consumption
kWh
Date
Weekly Total Usage
2024-01-07
Peak Hour Consumption
kWh
Time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campus-energy-dashboard-Abhinav
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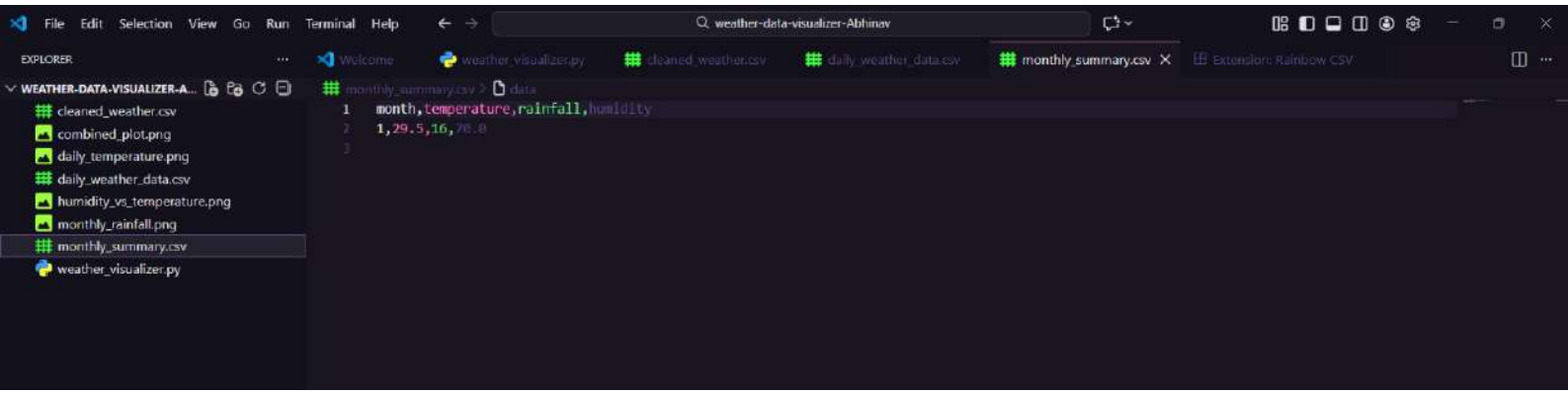
main.py
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
admin.csv
hostel.csv
library.csv
CAMPUS-ENERGY-DASHBOARD-ABHINAV
data
admin.csv
hostel.csv
library.csv
output
building_summary.csv
cleaned_energy_data.csv
dashboard.png
summary.txt
main.py
data > admin.csv > data
1 timestamp,kwh
2 2024-01-01 00:00,200
3 2024-01-01 01:00,210
4 2024-01-02 00:00,250
5 2024-01-03 00:00,300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weather-data-visualizer-Abhinav
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WEATHER-DATA-VISUALIZER-A...
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monthly_summary.csv
weather_visualizer.py
Welcome
weather_visualizer.py
cleaned_weather.csv
daily_weather_data.csv
monthly_summary.csv
Extension: Rainbow CSV
monthly_summary.csv > data
1 month,temperature,rainfall,humidity
2 1,29.5,16,70.0