Checkpoint

Visualization

Brights

Task:

Use matplotlib and the provided files:

- rain_2014.csv
- rain_2015.csv
- umbrella.jpg

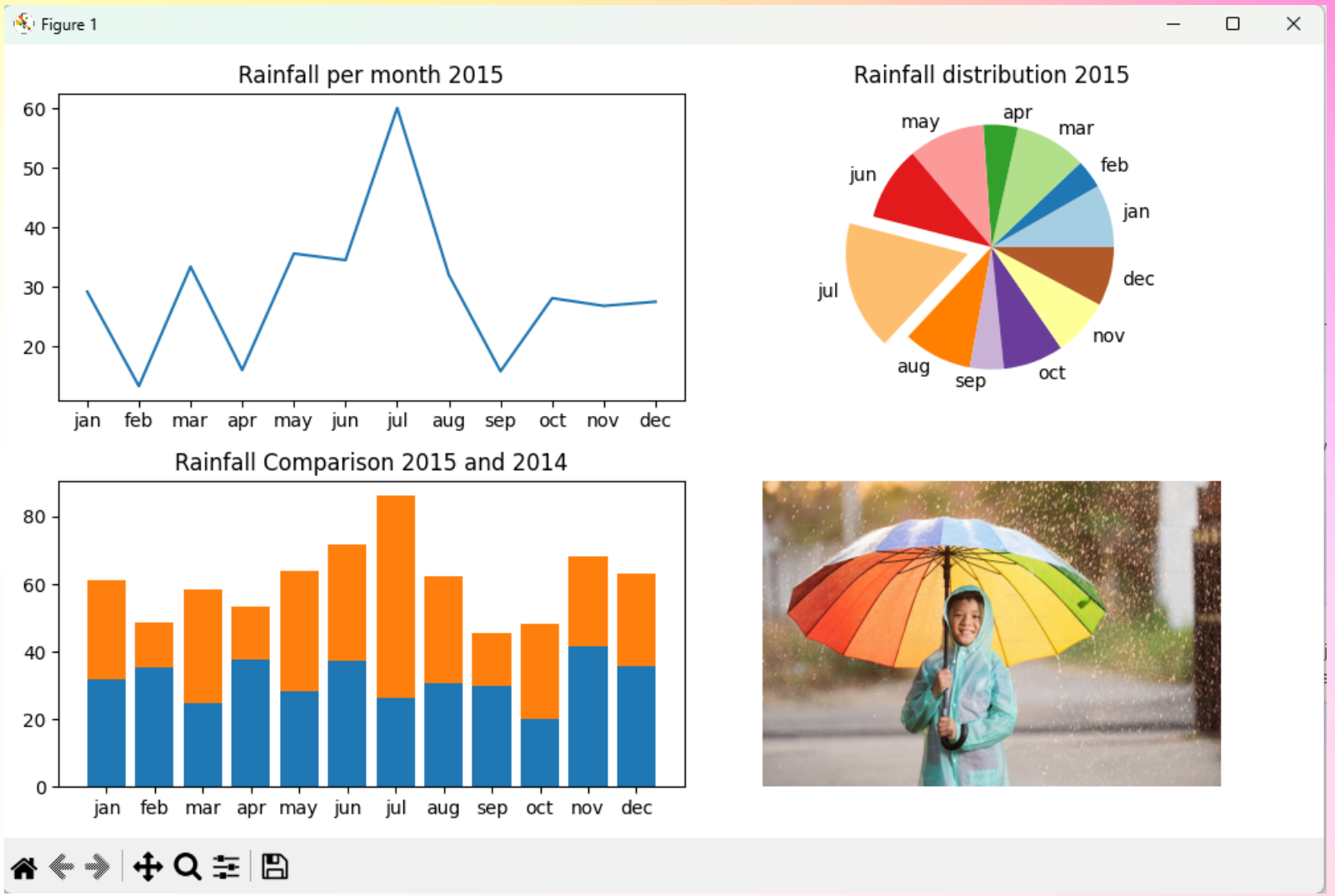
to recreate a matplotlib figure. If you want to use pandas to import data that is fine, but not required to complete this checkpoint.

There are certain criteria described in the following slides, that describe the figure and what you are expected to replicate as closely as possible.

You may use previous code, matplotlib documentation and google as aid, but you may not ask anyone else for help or use chatgpt during the test

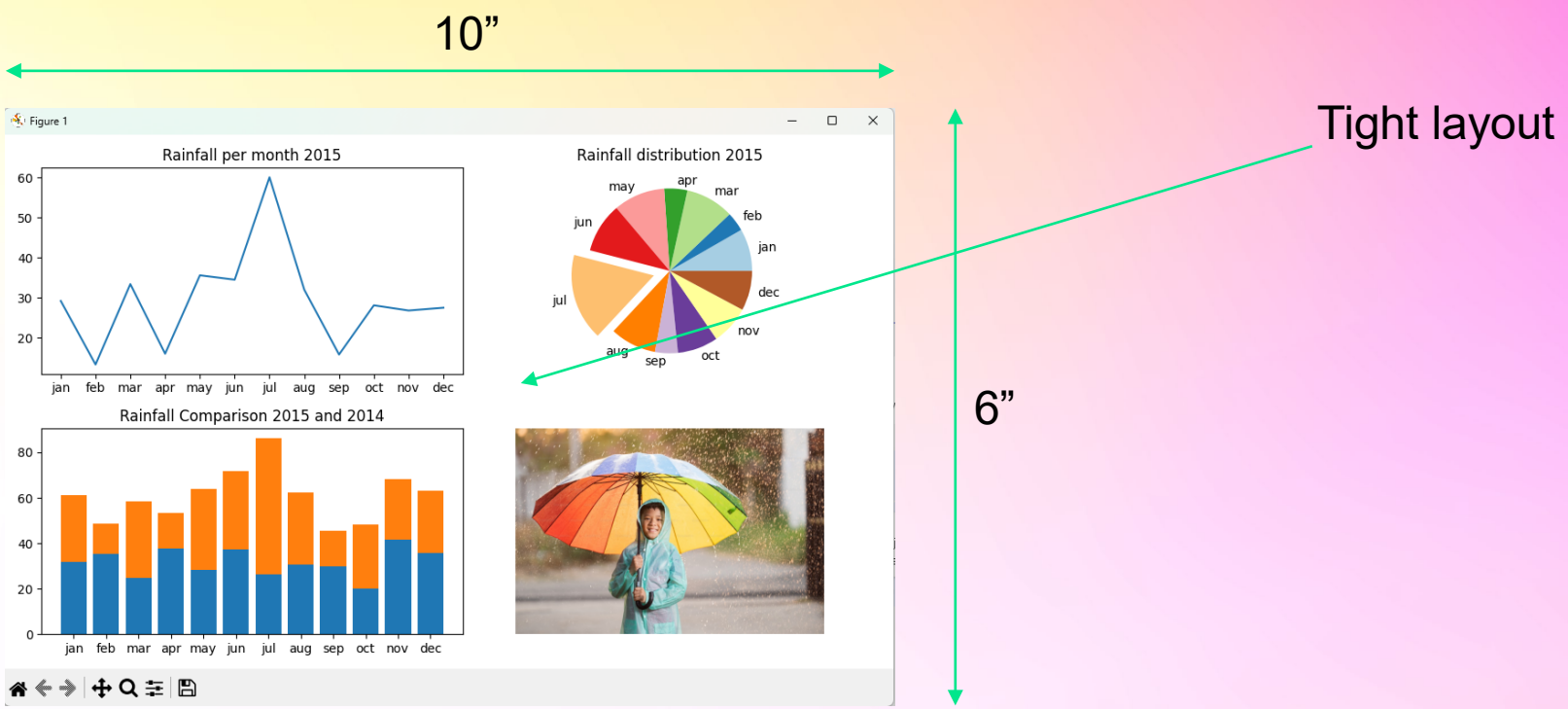
Brights

Recreate this figure using matplotlib



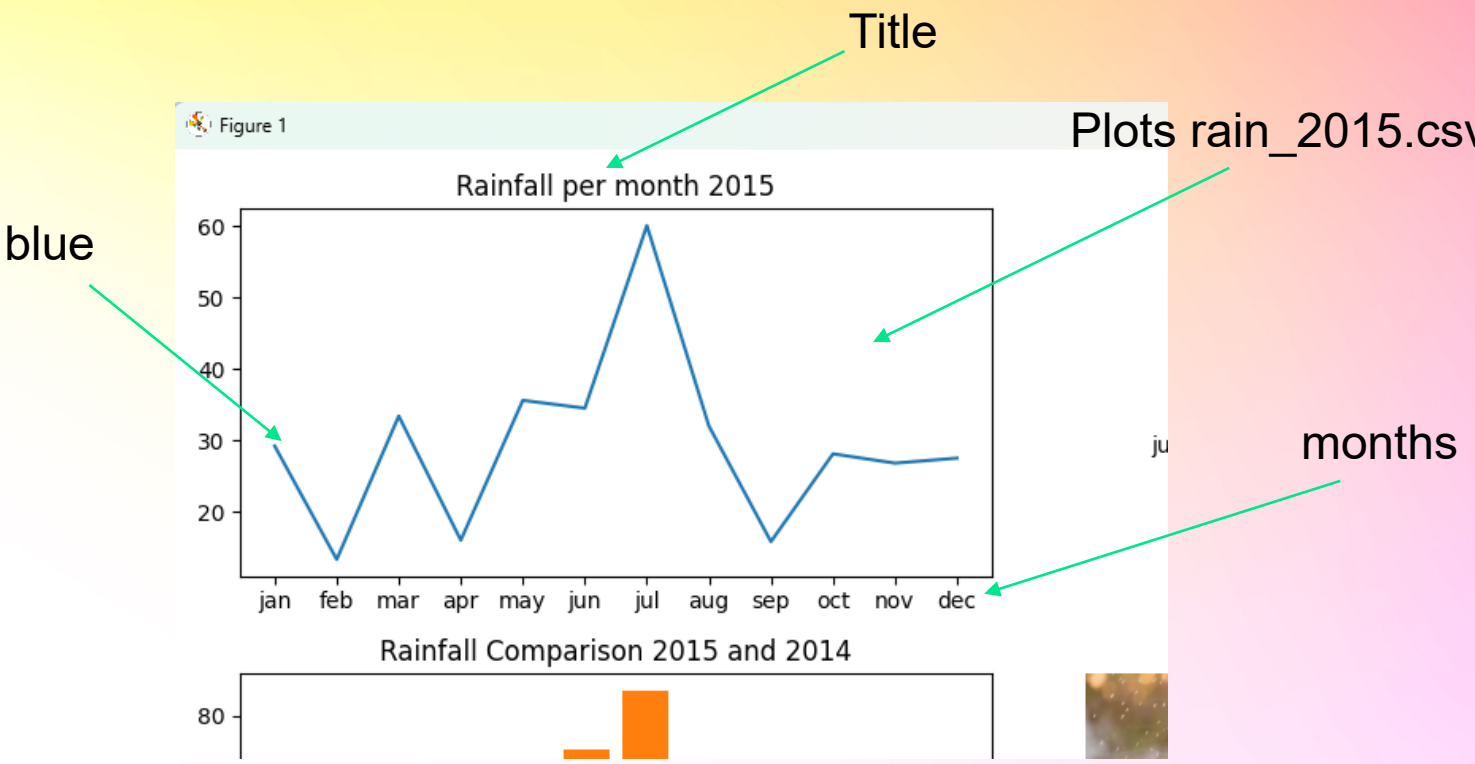
Brights

Recreate this figure using matplotlib



Brights

Recreate this figure using matplotlib



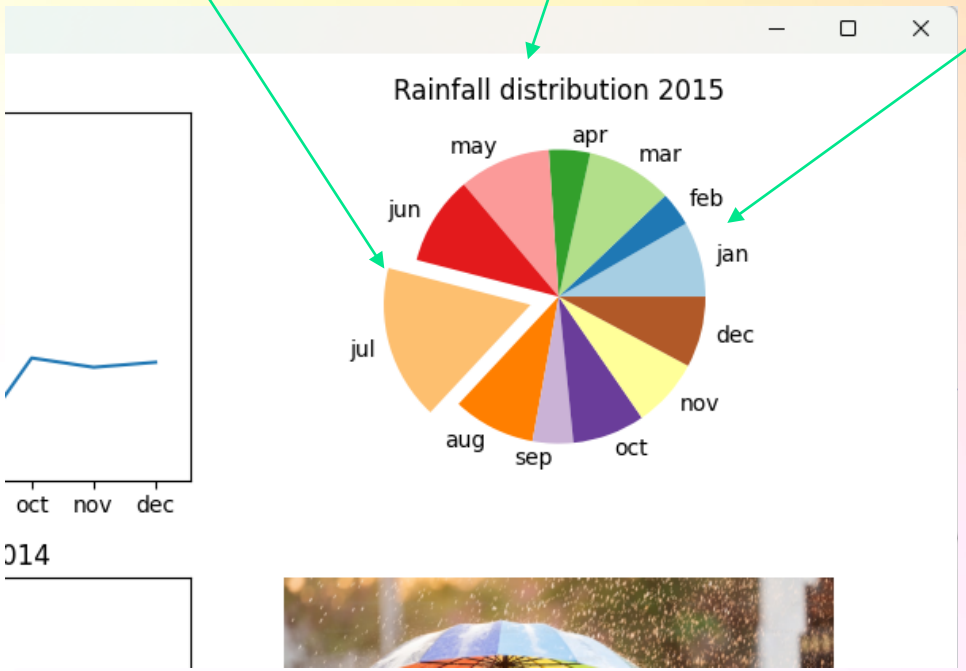
Brights

Recreate this figure using matplotlib

July is exploded by 0.2

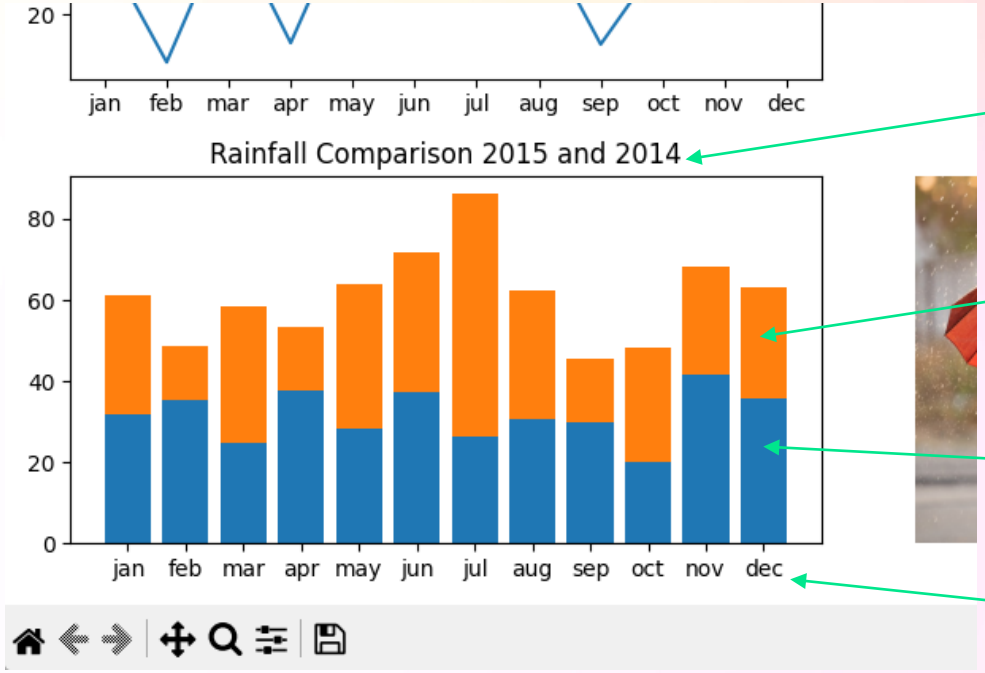
Title

This chart uses the colormap ”Paired”



Brights

Recreate this figure using matplotlib



Title

Bar-data from rain_2015.csv (orange)

Bar-data from rain_2014.csv (blue)

Months

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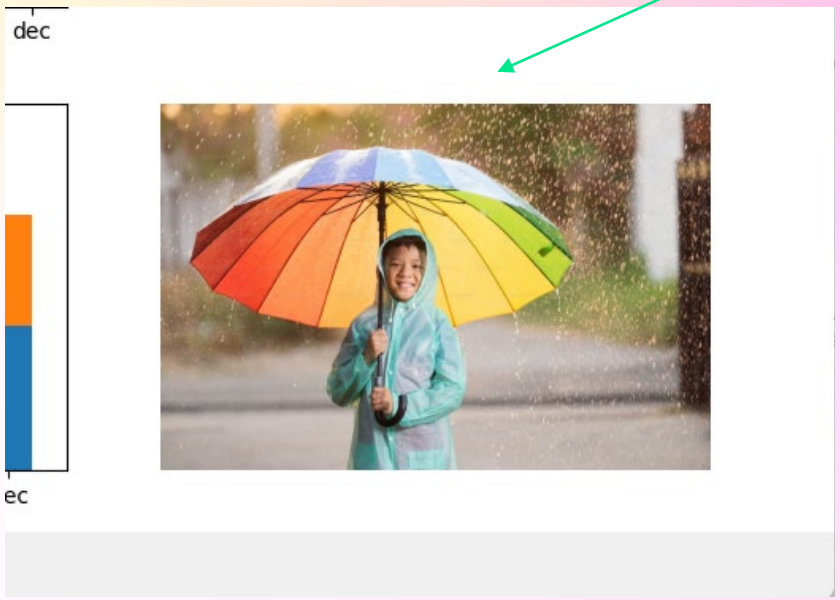
Recreate this figure using matplotlib

Image: umbrella.jpg
- no axis



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Completion

Name and submit your python script:

firstname_lastname.py (as this will simplify for us when looking at the code) and upload it to Canvas.

Lastly:

1) Keep things simple, do not over complicate your code

2) The code you submit should be runnable without making any major changes (changing a filepath is ok). Make sure you test it properly before you submit it, as unrunnable code may result in a failed test.

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