Okay, so first of all, I have created this to document, what I have done, so I don’t forget what and how I have done.

When I opened the get files link for github files, it took me to the github space, where I have copied the code URL to create a clone of it, so the clone folder is named - complete-guide-to-python-data-analysis-4571000.

After this I have chosen to create the codespace for this course, there was an option to have a codespace, so I chose yes. I have a codespace now, like a virtual computer with all the set up and pre-installed environment to work on the projects.

 It's a **ready-to-go computer** in the cloud where you can write and test your code.

 ️ It has all your **coding tools and settings pre-installed**, like a superhero's utility belt.

 You can access it **from any computer**, and it looks just like your regular coding app (like VS Code).

 ⏱️ It saves time because you don’t have to install stuff on your computer. You just **click a button, and boom — your code space is ready!**

Then I have created a fork of the main project from their github (from github profile). So I have this new project created, and then I chose to open it with Visual studio code, it asked for my login credentials and also I had to give 2 permissions from my personal GitHub account. I also clicked yes to download the extension to work with github codespace.

Comprehensions:

List: ­{<element> for <variable> in <iterable> [if clause]}

Dict: {key:value for <variable> in <iterable> [if clause]}

Set: {<element> for <variable> in <iterable> [if clause]}

Tuple: tuple (<element> for <variable> in <iterable> [if clause])

Omit wrappers to get a generator expression

Reading Unicode:

Common Unicode encodings for open (filename, encoding=’…’):

‘UTF-8’ (default): variable length (one, two, or four bytes), generalized ASCII

‘UTF-16’ : variable length (two or four bytes), non-Latin scripts, native in Java, JavaScript, Windows

‘ISO-8859-1’ (or latin1): one byte, western European Languages, compatible with first 256 Unicode characters

‘CP1252’:one byte, western European Languages, common in Windows

‘ascii’: not Unicode; seven-bit only, useful for legacy applications.