

William Dorling

Task 15 - Capstone Project - Files

Date of Review: 17 July 2024

Course: Python for Data Science

Reviewed By: Kenneth Mlimi

Student number: WD24060015099

[Link to Previous Review](#)

Scores

Completeness: 4/4

Efficiency: 4/4

Style: 4/4

Documentation: 4/4

Positive aspects of the submission

Thank you for the submission, William. You have done well on this task and shown an excellent understanding of all the concepts covered until this point of the boot camp. Concepts include conditionals statements(if/elif and else statements), loops(for and while loops), strings, and lists.

More importantly, working with external data sources using Python. You excellently implemented the VM option as it is one of the most challenging options.

Furthermore, I commend you for adding comments to your code and using descriptive variable names such as "task_username". This has improved the readability and documentation of your work. More importantly, your code follows the Python PEP-8 coding guidelines, well done.

Aspects of the submission that could be improved

You could have incorporated some defensive programming into your code to improve the robustness of your code. Defensive programming in Python involves writing code that anticipates and handles potential errors or unexpected inputs to prevent crashes or behaviour.

One advantage is that it helps improve the robustness and reliability of your code by catching errors early and gracefully handling them, ensuring that your program continues to run smoothly even in the face of unexpected situations. Here is a resource to help learn more about Defensive programming in Python: <https://edcarp.github.io/2018-11-06-edinburgh-igmm-python/08-defensive/index.html>

Overall feedback

This was awesome, William. I'm looking forward to the next submission!