

**Ateneo de Manila University**  
**Department of Quantitative Methods and Information Technology**

**Certificate of Authorship**

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I have also cited all sources from which I obtained data, ideas, or words that are directly copied or paraphrased in this document. Sources are properly credited according to accepted standards for professional publication.

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**Sources**

*Plotting multiple bar charts using Matplotlib in python.* GeeksforGeeks. (2021, February 25). Retrieved July 14, 2022, from <https://www.geeksforgeeks.org/plotting-multiple-bar-charts-using-matplotlib-in-python/>

*Pandas.concat() function in Python.* GeeksforGeeks. (2020, October 1). Retrieved July 14, 2022, from <https://www.geeksforgeeks.org/pandas-concat-function-in-python/>

Pandas and Matplotlib lessons from Canvas

**Student and Course Information**

<b>Course Code &amp; Section</b>	B-IT MGT 25.03
<b>Course Instructor</b>	Mr. Joe Ilagan
<b>Student's Full Name</b>	Rose Guada Marie V. Manalo
<b>Signature</b>	