

Ateneo de Manila University
Department of Quantitative Methods and Information Technology

Certificate of Authorship

Certification

I hereby certify that the submission described in this document abides by the principles stipulated in the student handbook.

I further certify that I am the author of this submission and that any assistance I received in its preparation is fully acknowledged and disclosed in the documentation.

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.

I am aware that any potential case of plagiarism or cheating (similar code) regarding my submission merits a 0 for the requirement and a disciplinary case filed to the Discipline Committee of the Loyola Schools.

Sources


<https://stackoverflow.com/questions/43401903/python-order-dataframe-alphabetically>

<https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.concat.html>

https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.drop_duplicates.html

<https://stackoverflow.com/questions/20025882/add-a-string-prefix-to-each-value-in-a-string-column-using-pandas>

Student and Course Information

Course Code & Section	BS ME ZB
Course Instructor	Joe Ilagan
Student's Full Name	Katya Arianna Tanglao
Signature	

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Sources (cont.)

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