

Ateneo de Manila University
Department of Quantitative Methods and Information Technology

Certificate of Authorship

Instructions

- Accomplish the document completely
- Save the document as a .pdf file with the following name format:
<IDNumber>_<RequirementTitle>_COA (e.g. 12345_Assignment1_COA)
- Attach this document to each course requirement submission unless otherwise specified by the Course Instructor

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

Data Cleansing

- <https://www.geeksforgeeks.org/python-pandas-series-str-endswith/>
- <https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.isnull.html>

Student and Course Information

Course Code & Section	ITMGT 25.03-A
Course Instructor	Joseph Benjamin R. Ilagan
Student's Full Name	Cayla Maxine V. Gonzales
Signature	

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Sources (cont.)

- <https://stackoverflow.com/questions/20937538/how-to-display-pandas-dataframe-of-floats-using-a-format-string-for-columns>
- https://www.codegrepper.com/code-examples/python/pd.set_option%28%27display.max_columns%27%2C+None%29

Data Sorting

- <https://pandas.pydata.org/docs/reference/api/pandas.Series.unique.html>
- https://pandas.pydata.org/docs/reference/api/pandas.Series.value_counts.html
- <https://www.geeksforgeeks.org/python-pandas-index-to-list/>
- <https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.filter.html>
- <https://stackoverflow.com/questions/59535426/can-you-change-the-caption-font-size-using-pandas-styling>
- https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.io.formats.style.Styler.set_table_styles.html

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