# 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

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### **Student and Course Information**

Course Code & Section	ITMGT 25 C
Course Instructor	Jose Ramon Ilagan
Student's Full Name	Marielle Ariane Manguiat Llenado
Signature	Marries

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https://app.datacamp.com/learn/courses/customer-segmentation-in-python

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https://stackoverflow.com/questions/35634238/how-to-save-a-pandas-dataframe-table-as-a-png

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