## 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: 215219\_SA1\_ADHOCANALYSIS
- 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

- 1. https://stackoverflow.com/
- 2. <a href="https://matplotlib.org/">https://matplotlib.org/</a>
- 3. https://pandas.pydata.org/
- 4. <a href="https://www.geeksforgeeks.org/">https://www.geeksforgeeks.org/</a>

### Student and Course Information

Course Code & Section	ITMGT 25.03-C
Course Instructor	Ramon Ilagan
Student's Full Name	Jose Gabriel A. Salvador
Signature	

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Signature	Gabby Salvador

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Sources (cont.)
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