

Presentation Guidelines for Fundamentals of Data Visualization (STA191)

Task

Objective	- The main purpose of this task is for students to exhibit entrepreneurial capabilities (Confident, Delivery skills, Creativity & Innovation, Teamwork & Collaboration) by completing activities that require data visualization and clear, effective reporting. - Furthermore, this assignment functions as a medium through which students can extend their data visualization knowledge and skills to the broader community.
Instruction:	- Form a group of three members (maximum of four) and conduct a simple explanatory analysis by following the appropriate steps in data analysis, utilizing visualization tools such as Google Spreadsheet or Power BI. - Select any freely available dataset and perform a structured analysis. - Datasets may be obtained from open sources such as https://open.dosm.gov.my/data-catalogue, https://www.data.gov.my/, Uitm Library, HEA, HEP or any other secondary source, https://data.uitm.edu.my - Demonstrate and showcase your ability to perform data visualization from scratch, ensuring that it is meaningful and insightful.
Content	The assignment must include the development of an infographic dashboard. The presentation should be delivered publicly (e.g., via Facebook, YouTube, or any other suitable platform) and must address the following components: 1. Introduction and Objectives - Provide a description of the dataset. - Clearly state the objectives of the analysis. 2. Analysis Develop an infographic dashboard, and explain to the audience the rationale for selecting the chosen chart type. 3. Results - Present the interactive dashboard as the final product. - Demonstrate and explain the usefulness of the product in conveying insights. - Uncovers a hidden insight from the dataset through slicer/filter usage.
Delivery	The presentation format is flexible (max 15 minutes). It is recommended to create a social media group that includes participants from industry, academia, and the local community.

Kindly refer to the evaluation criteria outlined in the presentation task rubric.