Course Title	Data Visualisation for English Communication
Course Code	DES603
Recommended Study Term	Term 1 or 2
No. of Credits	3
Mode of Tuition	Sectional
Class Contact Hours	3 hours per week
Category	Elective
Prerequisite	Nil
Co-requisite	Nil
Exclusion	Nil
Exemption Requirement	Nil

Brief Course Description

Representing data visually is an essential skill not only in business but also in research. The course will introduce students to data visualisation tools in the digital humanities. Specifically, students will learn multiple tools (e.g., Tableau and Gephi) to present and share humanities data in a clear, well-organised, and elegant manner. During the course, students will cooperate with their teammates to experiment with the tools acquired and choose the appropriate methods to visualise their findings. Students will also be encouraged to discuss critically some of the challenges and controversies in digital humanities.

Aims

The aims of this course are (1) to raise students' awareness of the importance of data visualisation in both daily work and research; (2) to instruct students to present data in text, tabular, and graphical forms; (3) to teach general principles that inform the representation and interpretation of data.

Learning Outcomes (LOs)

On completion of this course, students will be able to:

1. Differentiate between different types of data according to their features;
2. Choose the best possible way to visualise data using charts, text, color, tabular, graphics, or animations;
3. Utilise visualisation tools, including Tableau, Gephi, and VisualEyes to represent data;
4. Utilise visualisation tools to analyse data;
5. Work collaboratively to complete a project.