CS2035b Data Analysis and Visualization - Lab 8

General Lab Instructions to Help Labs Run Smoothly

- Read through the lab instructions **before** coming to the lab.
- Do any required pre-lab preparation.
- Bring a **printed** copy of the lab instructions to the lab.

Overview and Preparation

This (and all subsequent) labs will be using MatLab 2016b as installed in the Health Sciences general computing labs. You must attend this lab in HSB14 or HSB16 in order to get assistance from the TA. Attendance will be taken. You can use your UWO login/password to login to these machines. Lab submission is to be done via Owl. Remember, labs are worth 10% of the total grade for this course (there are 11 labs in total, you must do 8 to receive full marks).

Upon completion of this lab, you should have done the following in the MatLab environment:

- Created a script file, lab08.m, containing the MatLab code to build The GUI in **Lecture12_GUI_MatLab.pdf** using GUIDE. Bring a copy of this lecture to the tutorial!!! Note that you don't have to have completely succeeded in building the GUI to get full marks. Another file, lab08.fig, will also be created by GUIDE.
- Submit these two files via owl by 11:55pm on Sunday following the Friday lab. There is no need to submit a diary file or any image (jpg) files. There is also no need to compress or zip these files.

Exercise: GUI Example

The lecture in **Lecture12_GUI_MatLab.pdf** contains detailed instructions to build a MatLab GUI that displays a mesh, surf and ribbons plots of the MatLab demo peaks function. In this lab, follow those instructions and build this GUI.