**Nanyang Technological University**
# IS6751 Text and Web Mining
# Lab: Sentiment Classification of Restaurant Reviews Using Multi-Layer Neural Networks

In this lab, you will learn the basic steps of text classification with Multi-Layer Neural Networks.

## 1. Running the Jupyter Notebook

**1.1.** Copy the **notebook files** downloaded from the class website to
**C:\Users\\*youraccountname*\documents\python\IS6751**

### 1.2 Open a Jupyter Notebook: Data Preparation

- File – Open …, **3_5_yelp_dataset_preprocessing_FULL-v2.ipynb &
  3_5_yelp_dataset_preprocessing_LITE-v2.ipynb** in **C:\Users\\*youraccountname*
  \documents\python\IS6751\wk5-mnn-chapter_3**
- Run the notebook document step-by-step (one cell a time)

### 1.3 Open a Jupyter Notebook: Sentiment Classification

- File – Open …, **3_5_Classifying_Yelp_Review_Sentiment-v4.ipynb** in
  **C:\Users\\*youraccountname* \documents\python\IS6751\wk5-mnn-chapter_3**
- Run the notebook document step-by-step (one cell a time)