

# **CSE 498 Text Mining**

Fall 2016

Project 1

**Sachin Joshi**

## **Task 3**

The Java file named **AttributesOpinionsExtract.java** is used for extracting the attributes-opinion pair from the text file **Tagged\_100\_Reviews.txt**.

The program reads the **Tagged\_100\_Reviews.txt** text file, extracts the attributes-opinion pairs, prints the extracted attributes and opinions and stores them in a new text file named **Attributes\_Opinions\_Extract.txt**.

**Note:** We must create a new text file and rename it as **Attributes\_Opinions\_Extract.txt** before running our program to store the extracted attributes and opinions for each review.

All the above mentioned files, i.e., **AttributesOpinionsExtract.java** (Java Program), **Tagged\_100\_Reviews.txt** (Input Text File) and **Attributes\_Opinions\_Extract.txt** (Output Text File) must be stored in the same folder.

To compile the above Java file, use the following syntax in the command prompt:

**javac AttributesOpinionsExtract.java**

Once the file is successfully compiled, a .class file named **AttributesOpinionsExtract.class** is created and we can run the program using the following syntax in the command prompt:

**java AttributesOpinionsExtract**

The final results of this task containing the attributes-opinions pairs having one of the top 50 attributes are stored in the file named **Project\_1\_Task\_3.csv**.