Command: Go to Shell: python main.py --category microwaves --input\_reviews\_file source\_reviews\_microwaves\_01082017\_tidler.txt --category\_id 10 --classification\_type sentiment

Place the input reviews file in data\_files/<category>\_data

Ex. data\_files/microwaves\_data

Classification type can be either “sentiment” or “emotion”

Things to check before running:

1. Make sure that the aspects lexicon folder is present in the data\_annotation folder with the

Aspect, aspects-sentiments, sentiments folder

Naming convention for the aspect lexicon folder: fine\_grained\_phrases\_<category>

Ex. fine\_grained\_phrases\_microwaves\_sentiment / fine\_grained\_phrases\_microwaves\_emotion

1. Make sure that domain words lexicon folder is present in the domain\_words folder

domain\_words/<category>

ex. domain\_words/microwaves

Inside that sentiments folder which has <aspect\_1>\_domain\_negative/positive.txt……<aspect\_n>\_domain\_negative/positive.txt

1. Make sure that the pre-trained classifier is present for the category you are running. It should be there in classifiers folder. If its not we need to train using the annotated data using the Training\_the\_sentiment\_classifier.py script.

**Fixing the Sentiment Lexicon Files:**

Mostly the fixes have to be done in the sentiment lexicon files like adding/removing/moving words across the positive/negative sentiment files.

For ex. we might have to remove words like “falls”, “complex”, “isolated” etc., from negative lexicons of hotels so just go to data\_annotation/fine\_grained\_phrases\_hotels/sentiments/negative and remove them.

After you remove the necessary words you can re-run the smaartpulse.

**Adding more aspect keywords:**

Sometimes we might be facing issues with aspect/review fragment coverage, for that add more aspect keywords using the Aspect Extraction File.

**Adding Domain Words for different aspects:**

Certain words have different meaning In each aspect like “cheap” is positive for vfm and negative for “others”.

For these we have domain\_words folder, there we can add these domain words. Go to domain\_words/<category>.

For ex. we should “cheap” in others\_domain\_negative file and in vfm\_domain\_positive file.