

# INFO3406 Project Stage 1

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## 1 Section 1: Problem

Words convey emotions, feelings and attitude. Different words convey these affects to varying degrees. The problem this project is aiming to solve is seeing if there is a link between titles of Movies and how succesful they are.

The questions we will be answering in Stage 2 are:

1. Is there are link between the intensities of a lexicon being used in the title of a movie and the critical acclaim?
2. Is there a link between movie titles and movie success based on the emotion the leixon used in their title is aiming to convey?

## 2 Section 2: Approach

The approach we are going to be taking in Stage 2 is performing statistical analysis on our dataset. We will attempt to answer the questions we set out by doing explaratory factor analysis and t-tests.

## 3 Section 3: Data

The data was acquired for the lexicons from <http://saifmohammad.com/WebPages/NRC-Emotion-Lexicon.htm>. The da

The tools we used were:

- python
- pgAdmin4
- SPSS
- Github
- weka

The Python programming language was used to clean the data.