

# Group 2

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## *Sentiment Analysis of Movie Reviews on Oscar-Winning Movies*

### *Minutes of Meeting (MoM)*

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12/02

- Discussed about the possible topics that can be pitched for the project
- Shortlisted two ideas
- Sentiment analysis on movies reviews, comparing the critic reviews of a movie against public reviews
- Sentiment analysis of twitter data regarding the movies, and the opinion reverted by the user regarding the movie.

19/02

- Meeting held for further discussion about the idea that was pitched to the professor.
- We discussed on data scrubbing and database access for movie sights and made a rough draft on potential movie or the criteria for our movie selection
- We decided to expand the scope by adding the subject of popular awards which are won by this said movie base like Emmys, Oscars, BAFTA etc.
- Agreement came upon adding the number of awards won by each movie as a factor to our analysis.
- Researched regarding the sentiment analysis tools in the market and which one will be suitable for our need.

26/02

- Decided to choose only Oscar nominated movies for the database collection.
- Rotten Tomatoes website was chosen for collection of data pertaining to the reviews while Wikipedia was used to obtain the list of movies nominated for the award.
- The database was created with everyone contributing with reviews of five Oscar nominated movies.
- Sunit updated us with the results obtained after running the experiment on the Oscar nominated movies' reviews dataset.
- Mayur and Ashwin shortlisted the papers that have been chosen to be included in the mid-term essay.

- Abstract- Parithosh
- Introduction- Manasi
- Literature Review- Ashwin and Mayur
- Experiment Section- Sunit
- Google document has been created by Manasi, were each can update their parts
- Latex document creation and data collaboration - Manasi

29/02

- First draft of the lateX document was discussed
- Changed to be made for the Literature review section
- More data needs to be added to the data collection section
- Dissision was taken that the result will be best illustrated with the help of data visualization.
- Result section was updated with images.

03/03

- Mid-term essay paper discussed.
- Result images to be changes and a flow diagram to be added depicting the overall working of the experiment.
- Reference will be added in the footnote as the professor prefers them, and as it is logical for the to be accessible immediate.
- Contribution statement to be written by Ashwin.

07/03

- Discussed the submitted paper and notes few changes the we have to implement for the final paper
- Out of text property has to be added to be added.
- Members are to make notes while peer reviewing to analysis ways to improvise our finial paper

15/03

- Proof read to make sure there are no errors.
- Add points regarding the purpose of the research question to introduction
- Write more about movie review and analysis in introduction
- Add section explanations in intro
- Work on Bibliography and references.
- Change references and rewrite literature review as we have chosen most common papers
- Provide explanation for the figures.
- Add result to the abstract
- Check tense of the paper.
- Add more details to contribution description.
- Provide individual task details if 2 or more members have worked on the same section.
- Cross check scholarly mode of paper and restructure the paper to that form
- Add examples and details regarding the data collection and processing.
- Provide more explanation on evaluation methods
- Add content and numerical values to result section
- Add discussion and conclusion section
- Mention if the hypothesis assumed is correct or not.
- Make experiment section more elaborate.
- Add more data to the experiment section.
- Change title to Oscar-Nominated

23/03

- Hypotheses needs to be updated.
- Results and conclusion, discussion needed to be updated.
- More papers need to be added to literature review section.
- Introduction sections needs to be updated with explanation of paper sections
- Abstract needs to be updated with the details regarding new hypotheses
- Database needs to be updated with reviews of a total of 100 movies.
- API for review collection has been completed by Paritosh.

06/04

- Parithosh's API section needs to be added to the document.
- Hypotheses? ideally the reviews are same and our experiment is proving the same
- Add this in report – “Comparing the critic reviews with public reviews for the Oscar-nominated movies”
- Result section needs percentage of true and negative.
- Table and diagram to be updated

Changes to document

- Ashwin and Mayur – Literature Review
- Manasi – Abstract and Introduction
- Paritosh – adding the data collection part to document
- Sunit – Run the experiment again to get concrete results to be updated in the result section

09/04

- Paritosh will be updating the data collection section in the google document.
- Plots and Charts to be updated by Sunit
- Add explanation for figure are images.
- Out of textual property – Oscar Award.

10/04

- Google document has been updated by members.
- A table containing 20 movies chosen from our database with maximum review percentage for critic and public will be created by Sunit.
- Graphs will be added to show similarity between the reviews by critics and public for Oscar winning movies which are a part of the Oscar nominated list that has been collected for the database.
- Receiving the Oscar has been chosen as the out of text property, showing that, Oscar winning movies generally are well received by both critics and general public.
- Graph for the Oscar nominated movies for year 2014 will also be added, to show the general difference between movies appreciated by only by critics and the other way around.

12/04

- Final report was discussed.
- Sections have been updated by each member.
- Contribution statement for the new sections will be updated by Ashwin
- Overall, everyone is satisfied with the report.