1. Abstract
2. Introduction
3. Research Problem and Statement of Objectives
   1. Problem Statement
   2. Problem Definition
   3. Research Objectives
   4. Delimitation
4. Literature Review
5. Lexical Study of Emojis
   1. Research Methodology
   2. Dataset Selection
      1. Basic Emotional Theory
      2. Dimensional Theory
   3. Definition of Sentiment Parameters
      1. Basic Emotional Theory
      2. Dimensional Theory
   4. Feature Extraction of Emoji
      1. Use of Emotion Vocabulary Embeddings
      2. Word Vectors of Basic Emotions
      3. Binary Word Association Lexicon
      4. Word-Emotion Intensity Lexicon
      5. Sentiment-Aware Vector Space Modification
   5. Emoji Sentiment Prediction
      1. Data preparation
      2. Model Development and Evaluation
   6. Results and Discussion
6. Pragmatics of Sarcasm
   1. Evaluation of Annotation Strategies
      1. Primary Research Methodology
      2. Survey Outcome
   2. Statistical Analysis of Pragmatics in Sarcastic Content
   3. Quality Assessment of Present Sarcasm-Annotated Datasets
   4. Results and Discussion
7. Sarcasm Detection Integrating Emoji Pragmatics
   1. Proposed Novel Methodology
   2. Data Preparation
      1. Expansion of current dataset
   3. Model Selection and Evaluation
   4. Results and Discussion
8. Evaluation
   1. Solution Strengths
   2. Limitations
   3. Applications
9. Conclusions
10. Appendix
11. References

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| --- | --- | --- |
| Chapter | Status | Notes |
| 1 |  |  |
| 2 |  |  |
| 3 | Initial draft provisionally complete |  |
| 4 | Initial draft provisionally complete | Will be edited to match body of work-Likely after artifact is completed.  Per feedback-rework conclusion  Maybe also intro? |
| 5 | Code Complete  Initial draft provisionally complete |  |
| 6 | Code Complete  Initial draft provisionally complete |  |
| 7 | Idea for architectures identified.  Data collection and cleaning complete over weekend  Basic baseline models Mon/Tues tuned  Work on sentiment attention mechanism between Tues/Wed  Idea for addressing other observations wed/thurs  Implement Thurs/Fri  More optimisation Sat/Sun  Compare to alternative pre-trained models Mon  Write up- happening as the work is being completed |  |
| 8 |  |  |
| 9 |  |  |
| 10 | Write-up up to date with chapter write ups  Need to do section about licenses etc. |  |