BrainStation Capstone Sarcasm Detection and Response Generator

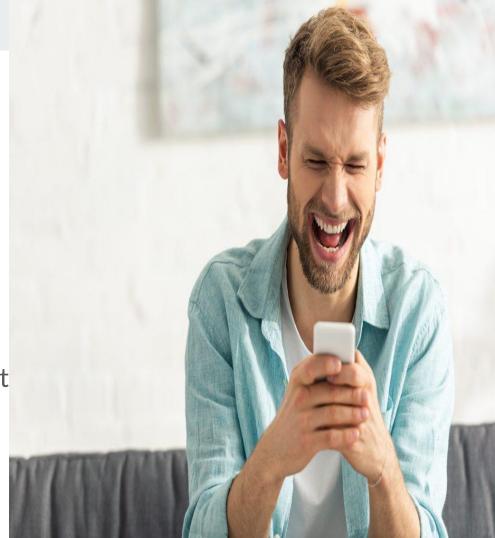
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Love to Laugh

- Laughing releases endorphins

- Sarcasm causes laughter

- Current LLMs can not always detect
- sarcasm

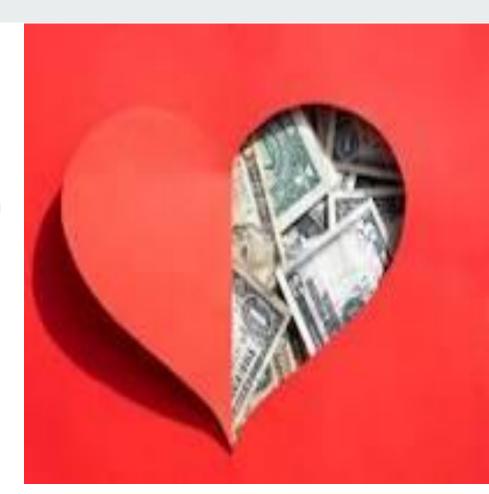


Impact

Nearly 5 billion people use social media

- Help disabled read tone of texts

- Make Joy and \$\$\$ with a sarcastic LLM



The Data: Reddit Sarcasm Corpus

- Largest Sarcasm Dataset

- Millions of comments with a treeline structure

- N-grams and sentence embeddings

Modeling

- Initial logistic regression models

- Text classifiers, F1 scores, others tests

- Built off of a previous LLM