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Capstone 3 ideas

1. Amazon Review Sentiment analysis:

The idea would be to analyze amazon reviews using nlp techniques to try to learn how to assess how a person felt about a product in context where there isn’t an explicit score.

1. Diplomacy:

There is a cache of several completed games of an online board game called Diplomacy. The data is chat logs from the game and each message is labeled by both the sender and receiver based on whether it is truthful or not. The idea here would be attempt to develop an agent that can detect when it is being lied to.

1. Arxiv:

This project would be to predict what categories a paper on Arxiv belongs in based on its abstract. This is a text classification task and would be useful for further refinement of papers, or perhaps identifying which categories of paper are closely related.