Initial Project Overview

Overview of project content and milestones

The aim of the project is to create and evaluate a method of determining if the headline of a news article appropriately reflects its content.

The project will have several milestones. Firstly, a literature review will be undertaken that both analyses existing solutions, as well as exploring the problem space more generally. Then a prototype solution will be created, after which it will be tested and refined. Finally, the results and effiacy of the solution will be analysed and conclusions drawn.

The main deliverable(s)

The most important deliverable of this project will be an algorithm that is able to determine to what percentage a headline matches the content of an article.

The target audience for the deliverable(s)

?? people in the field of sentiment analysis, news agencies, people who want to determine the trustworthyness(?) of the info they're reading

The work to be undertaken

- data will need to be either collected and labelled, or an existing dataset found
- the algorithm will need to be created

Additional information/knowledge required

I'm currently unsure how to approach the algorithm design and implementation of this project. I have a very rudimentary understanding of neural networks and sentiment analysis, so research will need to be conducted into these areas, and a decision made whether to use one or the other, a combination of both or something else entirely.

Information sources that provide a context for the project

The importance of the project

The key challenge(s) to be overcome