**NLP Project Ideas**

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**Project Ideas and brief Description**:

1.**Explainable Detection of Online Sexism (EDOS)**

Related Paper Link: <https://arxiv.org/abs/2004.12764>

Brief Description:

The goal of the research is to develop a machine learning model that can recognize sexist language and give justifications for its determinations, increasing its transparency and accountability. The initiative aims to increase understanding of online sexism, decrease its prevalence, and give academics and practitioners a tool to investigate and comprehend this phenomena.

**2. Using Natural Language Processing for Documentation Assist**

Related Paper Link: [https://www.aaai.org/ocs/index.php/WS/AAAIW18/paper/viewFile/16821/15657**3**](https://www.aaai.org/ocs/index.php/WS/AAAIW18/paper/viewFile/16821/156573)

Brief Description:

The goal of this project is to make it easier for developers to create and organize documentation. For example, text code details extraction, summarization, and other activities may be included. The objective is to streamline and improve the documentation of code and programs by automating some of the laborious and time-consuming procedures involved in the process.

3. **Text based Geo location**

Related Link: https://isminoula.github.io/files/geoNN.pdf

Brief Description:

The goal of text-based geolocation is to identify the location of a text based on its content using natural language processing (NLP). This may entail analyzing the text's numerous components, including the language used, the names of individuals and locations referenced, and other pertinent contextual data. The objective is to develop a system that can locate a text automatically, without requiring user input or assistance.