**PROJECT PROPOSAL**

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| **PROJECT TOPIC** | Stack Overflow Improved Question Recommendation | | |
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| 1. **Introduction** |
| As any data since we al used the magical website that called stack overflow those who don't know stack Overflow. Stack Overflow provides one of the largest question and answers platforms for programmers. Users post questions and their fellow peers try to provide solutions in the best way possible.  Our project we want to help the people ask the right question in the correct way. we will achieve that by using natural language process (NLP) to find the best format for the questions. In addition, a possible recommendation system can be built to help the user write the optimal question format that can help fellow peers understand the question easily. Build a recommendation model to actually understand the content of what the user is trying to search for, and then return the most optimal question. |
| 1. **Motivation & Benefits** |
| As programmer or data science we struggle to ask the right question although sometimes other people ask the same question as us but in a different format and have their question answered. It could help users ask optimal question that more likely to be answered. |
| 1. **Datasets**  **& Tools** |
| The use of the following datasets:  - Stack Overflow  The modeling target of this to process the question on stack overflow based questions and answers to suggested the optimal formatted question. This work will be done using mainly python and might involve others.  Tools   * Matplotlip * SKLEARN * GoogleColab * Pandas and Numpy |