

Abstract :

People who are information literate are good at knowing when they have a need for information, identifying information needed to address a given problem or issue, finding needed information, evaluating the information, organizing the information, and using the information effectively. The major issue is the decreasing ability of a consumer to evaluate information and use it wisely, and this is mainly due to the rapid growth in the access of information thus the number of educated information consumers are decreasing.

This dissertation proposes a framework which will incorporate information literacy and build an environment that will provide consumers with a platform that will help segregate information and disinformation.

The first phase of the project details related state of the artwork that is ongoing or is already implemented into the field of information literacy, and focuses in the importance of information literacy and why is it needed.

The second phase of the project details the design of a Machine learning model and it addresses all the task which are to be completed in order to develop a machine learning model.

The third phase and the most important details the implementation of the model which happens in several complex steps which include which included data gathering, data processing, data wrangling, selecting and training the classifier models.

The final phase of the project evaluates the performance on a test dataset obtained from Snopes. It compares the accuracy of the models implemented further discusses the key findings and limitations. In the end, conclusion and future prospects about the project are discussed.