***Problem Statement Description***

Group Name: ML\_for\_PM

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***Title:*** Create an ML model to detect and mitigate online misinformation by filtering out spam messages from Emails and Social Media platforms.

***Description:*** Spam detection models using machine learning are designed to automatically identify and filter out unsolicited or unwanted messages, such as email spam or spam comments on social media platforms. These models leverage various machine learning techniques to learn patterns and characteristics of spam content, allowing them to distinguish between legitimate and spam messages. Concepts of deep learning will also be incorporated to capture complex data patterns.

Our model will help people from online frauds and save cyberbullying victims from falling into the trap by filtering out suspicious messages on Social Media. The model will be prepared through various Stages:

Dataset collection

Data preprocessing

Feature extraction

Model training

Model evaluation

Iterative improvement