

Project Description

Team: Bayer (Convs)

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Project Description: Bayer, like many other global corporations, faces the issue of information segregation in its day-to-day operations. As a result, there may be duplication of effort where multiple teams work on similar/same projects in parallel without sharing domain knowledge or collaborating with each other.

In order to synergize information from different groups and promote knowledge sharing as well as effective collaboration, our team is tasked to create a stand-alone web application that is able to examine the content of emails and connect relevant teams/people together. The web application should be able to utilize Natural Language Processing (NLP) algorithms that identify and cluster keywords. It will generate lists of keywords and send emails to relevant parties. The web application should also be able to find and present internet resources which may contain information about the conversation subject. Additionally, the algorithm should be able to take the email recipients' feedback as input to iteratively update its model. Another important feature would be to allow administrators to edit the lists of keywords due to Bayer's security and privacy practices.

The deliverables for this project would include a design document and a working web application that is hosted locally but will be piloted prior to the project completion.