



Title of the Project

DocuCore : Text & Code Summariser in Cloud

ABSTRACT

This project introduces a cloud-based system designed for document summarization and code analysis, utilizing advanced machine learning technologies, particularly Large Language Models (LLMs). The goal is to provide an efficient, scalable solution for processing large volumes of text and code.

The Text Summarization Module automatically extracts key insights from lengthy documents, helping users quickly grasp important information. This feature is valuable for summarizing reports, articles, and technical papers in a concise and accurate manner.

The Code-Based Analysis Module automates the process of code review, offering suggestions to improve code quality and performance. This module supports multiple programming languages and is aimed at streamlining software development workflows.

By deploying the system on the cloud, it ensures scalability, real-time processing, and efficient collaboration. The integration of cloud technology allows the system to dynamically scale resources based on user demands, making it a flexible and powerful tool for modern data and software analysis needs.

Project Members:

Mentor:

Lab Coordinator:

Garvita Sakhrani
(21ESKIT049)

Abhishek Gupta
(21ESKIT003)

Hiteshi Agrawal
(21ESKIT056)

Mr. Praveen Kumar Yadav
(Assistant Professor)

Dr. Priyanka Yadav
(Assistant Professor)