

## **Intelligent Q&A for Enterprise**

### **Topic**

The topic of this project is "Intelligent Question & Answer (Q&A) Systems for Enterprise." Aim to develop a system that leverages Text retrieval methods and natural language processing (NLP) to provide accurate and contextually relevant responses to user queries based on Enterprise's own information.

### **Problem Statement**

Traditional information retrieval systems for enterprises often fall short in delivering accurate, context-aware answers to user queries. This leads to increased time spent by employees searching for information, which can hamper productivity and hinder well-informed decision-making. Moreover, enterprise documents often contain domain-specific jargon and industry-specific knowledge, further complicating the process of understanding and responding effectively.

This project will address this problem by providing quick access to information based on Enterprise's own information.

### **Design**

Retrieval Augmented Generation (RAG) design pattern will be used for this project.

### **Dataset**

A publicly available Text based dataset will be used to build this project.

### **Demonstration of working as expected**

Evaluation of this system will be done against a set of benchmarks Q&A

### **Programming language**

Python