

Software Engineering

Project Write-up

Problem Definition-

There are millions and billion pieces of data available, but making the right information accessible when needed is very important. Getting the right documents to read and further getting a direct answer to one's question from the set of documents is a challenging task. Even with the abundance of resources it often becomes quite difficult for students to find quality answers to questions while studying. Students often get caught up juggling between websites and are still left with their heads scratching.

Submission-

Our solution is a AI Enabled Answering Bot that helps students find quality answers and study materials to their questions.

Automated Answering is the process of computing answers by computers where answering models are learned using web scraping and natural language processing

It is a method of educational assessment and an application of natural language processing (NLP).

A question answering system is concerned with building systems that automatically answer questions posed by humans in a natural language.

A QA system is generally programmed to pull answers from a structured database or an unstructured collection of natural language document/s.

There are two types of question answering.

One is Closed-domain question-answering system which basically deals with questions under a specific domain and the other is Open-domain question answering which is concerned with questions about nearly anything.

Our solution also incorporates an image processing model that helps extracting texts from images and can further be used in our QA model. This allows us to expand the utility of our software in our day-to-day lives.