**LlamaIndex**

A diagram of a computer

Description automatically generated

I think it is a good way to start Minimum Viable Product when I search many methods for question generation. Firstly, I used LlamaIndex to convert the pdf file into the appropriate form and obtained the text document. Then I compared the results produced by different models, this will help to decide which model is preferred. After the question generation, answers will be sought with LlamaIndex.

A screenshot of a computer

Description automatically generated

A screen shot of a computer code

Description automatically generatedA computer screen shot of a black screen

Description automatically generatedA black rectangle with white text

Description automatically generatedA black screen with white text

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer screen

Description automatically generated

I applied for the same process for BART and shared the results below.

A close-up of a text

Description automatically generated

**Second Process**

**A diagram of a computer

Description automatically generated**

A screenshot of a computer screen

Description automatically generated

A screen shot of a computer

Description automatically generated

A screen shot of a computer code

Description automatically generated

A screen shot of a computer

Description automatically generated

The above-mentioned data collection is done by extracting from pdf to text, after the data collection process, data can also be collected from the visuals as appropriate.