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Text Summarizer

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**─**

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**1.What is Problem you want to solve?**

**Text Summarizer is a NLP based problem which is used to convert huge text into small Summary**.

**2.Who is your client and why do they care about this problem?**

**Our client are student, Scientist, News media like inShort.**

**3.What data are you using? How will you acquire the data?**

**In this the user has to provide a Wikipedia Url which will be summarized for the user.**

**4.how you’ll solve this problem?**

1. **Data Wrangling**: converting the text in proper structure like removing the unwanted words, lemmatization, removing stop words.
2. **Exploratory Data Analysis:** i will plot relation between different parameters in the dataset and based on that and based on that I can find the trends for storytelling.
3. **Inferential Statistics:**  build statistical relationship in the dataset.
4. **Machine Learning Model:** using Page Rank Technique to find the most important statements from the text.

**5.What are your deliverables?**

I will use the following tool to work on my project.

1. Jupyter Notebook
2. Python 3.7
3. Google doc for creating document
4. Powerpoint for data Storytelling presentation