

## 1. Data visualization of bible

**Idea:** Bible is one of the most important books that every individual should read in their life, but it's length, complexity in historical context, vast number of characters and events, sophisticated cross reference between chapters make readers feel dreadful about approaching this sacred book from God. I will gather facts about biblical people, places, periods and passages from the text and structure it ways to communicate data stories. It will create fully connected knowledge graph of the Bible, from defined textual cross references, relationship between people, spatial relationship of events, to sentimental analysis of chapters.

**Data:** probably the Bible text itself

## 2. Text summarization of literature

**Idea:** There's a lot of good amount of literature in the world, from past and present. But living in a fast paced world, enjoying lengthy literature can be a costly leisure given the limited time we have. Because of that readers are hindered from reading the books they like, or troubled with finishing lengthy or difficult book they were once excited to start. We do have different source of book abstraction or summarization, but they can be either too long or too short, or limited in scope, instead of catering to reader's personal need. If I can create a tool that can automatically take in a customized range of book content inputted by user, either from 2-10, or 1-100, and summarize in a text of length also requested by user, either around 400 words, or 4 pages. People will have much greater freedom to choose the books they want to read, or skip any amount of text while still understand content to continue the reading after the skipped part.

**Data:** couple literatures

## 3. Automatic question rely and problem diagnose

**Idea:** We do not lack documentation of problems and diagnose, widely ranges from legal cases, health care, to IT problem solving. Despite the possibilities of the emergence of new problems, many problems customer raised have already be raised by people in the past. For the example of IT problem, users need to post the question and wait for response from other active users, or they can choose the search for a similar question that has already been addressed. The limitation here is that users have either choose to wait or bet on the good luck of finding similar questions, but they can not find immediate answer when the solutions might have existed as combination of information from various places. Therefore, an automatic question rely or problem diagnose can be unprecedentedly helpful.

**Data:** Quora, stack overflow