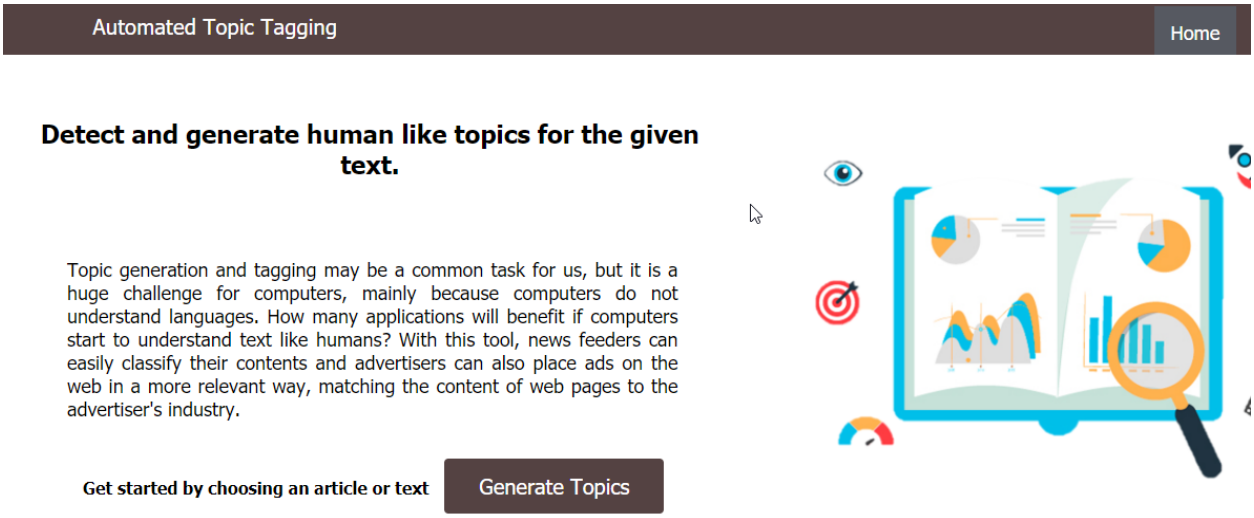
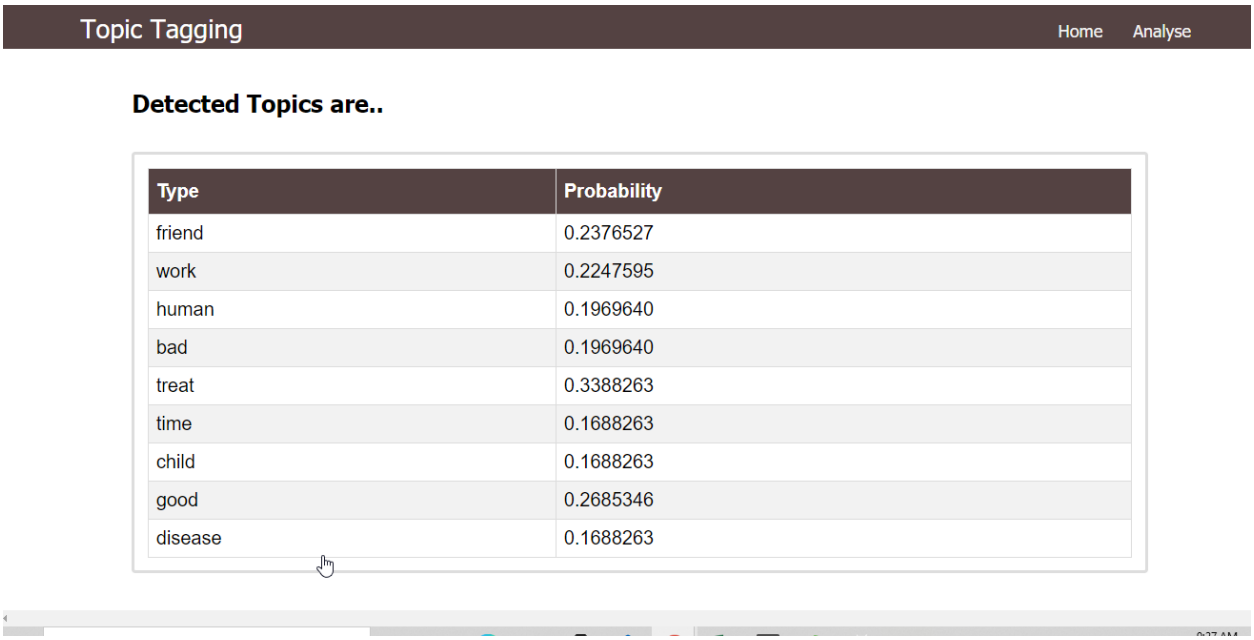
Topic analysis is a Natural Language Processing (NLP) technique that allows us to automatically extract meaning from texts by identifying recurrent themes or topics. Topic analysis models enable you to sift through large sets of data and identify the most common and most important topics in an easy, fast, and completely scalable way.
Topic analysis (also called topic detection, topic modelling, or topic extraction) is a machine learning technique that organizes and understands large collections of text data, by assigning "tags" or categories according to each individual text's topic or theme.

Topic analysis uses natural language processing (NLP) to break down human language so that you can find patterns and unlock semantic structures within texts to extract insights and help make data-driven decisions.

In this project I had build a application which detects the topics from paragraphs with their probability of occurring rate of it. I have written some html codes in sublime text as well as flask to render the application in the browser and NLP algorithm to make the text readable by the machine and imported the needed libraries
These are the screenshots which I got by running the application





These are the necessary libraries I used for my project

```
from flask import Flask,render_template,request
import numpy as np
import re
import requests
import json
import csv
import pandas as pd
import json
import csv
```