* **Part 1: Question and Data Generation**
  + ***User Input***
    - Create a function to prompt the user to specify the type of questions they want to generate (multiple choice, open-ended, rating scale, etc.)
    - Create a function to allow the user to upload their own questions or enter them manually if they don't want to use the AI to generate questions
    - Create a function to prompt the user to input 1-5 sample questions to provide context for the model
  + ***Question Generation*** using OpenAI's Python API and the davinci-003 model or question upload
    - Create a function to use the user input to generate questions that are grammatically correct and semantically meaningful
    - Create a function to allow the user to upload their own questions
  + ***Question Editing***
    - Create a function to display the generated/uploaded questions to the user and allow them to edit them if desired
    - Create a function to store the final set of questions in a database as a json file
* **Part 2: Survey Distribution and Data Collection**
  + ***User Input***
    - Create a function to prompt the user to input either a file with all the emails to send the survey to or a filled survey if they are only interested in the insights and processing features and not in the survey distribution feature.
  + ***Survey Distribution***
    - Create a function to allow the user to select a distribution method (email, web-based, google form, etc)
    - Create a function to generate the survey accordingly based on the method selected
    - Create a function to send the surveys out
  + ***Data Collection***
    - Create a function to collect the responses via the appropriate method given the distribution method selected
    - Create a function to transform the collected data into a pandas dataframe for preprocessing
* **Part 3: Text Mining and Insights Generation**
  + ***Data Preprocessing***
    - Create a function to apply preprocessing techniques on the dataframe, such as removing stop words, correcting spelling errors, and standardizing numerical variables
  + ***Sentiment Analysis***
    - Create a function to compute the sentiment of the preprocessed text using NLTK's Vader sentiment analyzer
    - Create a function to append the sentiment scores as new columns in the preprocessed dataframe
  + ***AI Insight Generation***
    - Create a function to prompt the user for a prompt describing the insights they are looking for and display default options
    - Create a function to generate insights using OpenAI's davinci-03 model
    - Create a function to output the generated insights as a .txt file
  + ***Text Classification***
    - Create a function to allow the user to choose from a range of machine learning techniques
    - Create functions to implement each chosen technique (entity recognition, keywords extraction, topic modeling, parts of speech analysis, etc).
  + ***Report Generation***
    - Create a function to compile all the results and insights generated by the previous processes
    - Create a function to generate a final report using davinci-03 that gives an overall assessment of the survey results
    - Create a function to output the report in a desired format (pdf, word, etc)
  + ***Database component***
    - Create a function to store all the various results and insights generated by the previous processes
    - Create a function to load all the latest data and insights from the intermediary database component
    - Create a function to allow the user to query the database