



# OFFICE OF INSTITUTIONAL ANALYSIS

## Survey Analysis Application

### **Purpose:**

This Survey Analysis Application is designed with efficiency and user friendliness in mind. The application is intended to be used as a data mining tool for open ended survey questions. The user will have a window to each step of the analysis.

### **Steps included in analysis:**

1. Formatting the upload file
2. Choosing the variable to analyze and filter
3. Tokenization, Stemming and Stop-word removal
4. Unigram Analysis and Word Cloud
5. Bigram Analysis and Network Graphing
6. Text Exploration of words and by-grams
7. Generation of resulting responses

### **License:**

<https://www.gnu.org/licenses/gpl-3.0.en.html>

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#### **Version 1.0:**

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<https://github.com/mkhan28/survey-text-analysis-tool.git>