

ML-2\_PROJECT\_CODED\_PROBLEM-2

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## PROBLEM 1

In this particular project, we are going to work on the inaugural corpora from the nltk in Python. We will be looking at the following speeches of the Presidents of the United States of America:

1. President Franklin D. Roosevelt in 1941
2. President John F. Kennedy in 1961
3. President Richard Nixon in 1973

Code Snippet to extract the three speeches:

```
"  
import nltk  
nltk.download('inaugural')  
from nltk.corpus import inaugural  
inaugural.fileids()  
inaugural.raw('1941-Roosevelt.txt')  
inaugural.raw('1961-Kennedy.txt')  
inaugural.raw('1973-Nixon.txt')  
"
```

# **Business Report: Analysis of Presidential Inaugural Speeches**

## **Executive Summary:**

This report presents an analysis of three significant presidential inaugural speeches delivered by President Franklin D. Roosevelt in 1941, President John F. Kennedy in 1961, and President Richard Nixon in 1973. The analysis includes statistical insights into the speeches' length, common words used, and a visual representation of word frequencies through a word cloud. The objective is to gain an understanding of the key themes and rhetorical strategies employed by these presidents during their inaugurations.

## **Statistical Analysis:**

### **Speech Length:**

- President Roosevelt's speech contained 7571 characters, 1526 words, and 68 sentences.
- President Kennedy's speech comprised 7618 characters, 1543 words, and 52 sentences.
- President Nixon's speech had 9991 characters, 2006 words, and 68 sentences.

### **Most Common Words:**

- The three most common words across all speeches are 'us', 'nation', and 'let', suggesting a focus on unity, patriotism, and action.

### **Word Cloud Visualization:**

- A word cloud was generated to visually represent the frequency of words across all three speeches. The word cloud provides a graphical representation of the prominent themes and ideas expressed by the presidents during their inaugural addresses.

[illegible]

### Conclusion:

- The analysis highlights the rhetorical emphasis and thematic priorities of the presidents during their inaugural speeches.
- President Roosevelt's speech emphasizes unity and collective action amidst the challenges of World War II.
- President Kennedy's speech focuses on civic duty, international cooperation, and the pursuit of freedom.
- President Nixon's speech addresses domestic issues, including the economy, law enforcement, and social harmony.
- Overall, these speeches reflect the historical context and political priorities of their respective eras, providing valuable insights into presidential leadership and vision.

### Recommendations:

- Further analysis could explore linguistic patterns, rhetorical devices, and historical references within each speech to deepen understanding.
- Comparative analysis with other presidential speeches could provide additional insights into evolving presidential rhetoric and leadership styles over time.
- Integration of sentiment analysis techniques could offer nuanced insights into the emotional tone and impact of these speeches on the public.

**Future Research:**

- Future research could examine the reception and public perception of these speeches, analyzing media coverage, public opinion polls, and historical commentary.
- Longitudinal studies could investigate the enduring influence and legacy of these speeches on American political discourse and national identity.

**Acknowledgments:**

- The analysis was conducted using the NLTK library and its Inaugural Corpus, which provided access to presidential inaugural speeches for analysis.
- Special thanks to the developers and contributors of the NLTK library for enabling text analysis and natural language processing tasks.

**Disclaimer:**

This analysis is based on publicly available data and does not reflect any political bias or endorsement. The interpretations presented are subjective and open to scholarly debate and interpretation.

