

# Final Analyzed Data: SOTU\_Data\_Final.csv

**Unit of Observation:** Each row represents a single State of the Union address delivered by a United States President, augmented with historical crisis context.

169

## Variables

### President

- **Source & Processing:** Constructed directly from the President variable in the state\_of\_the\_union\_texts.csv Input Data File. No data transformation was applied.
- **Observations:** 175(0)
- **Data Type:** Categorical

### Year

- **Source & Processing:** Constructed directly from the Year variable in the state\_of\_the\_union\_texts.csv Input Data File. No data transformation was applied.
- **Observations:** 175(0)
- **Data Type:** Quantitative

### Title

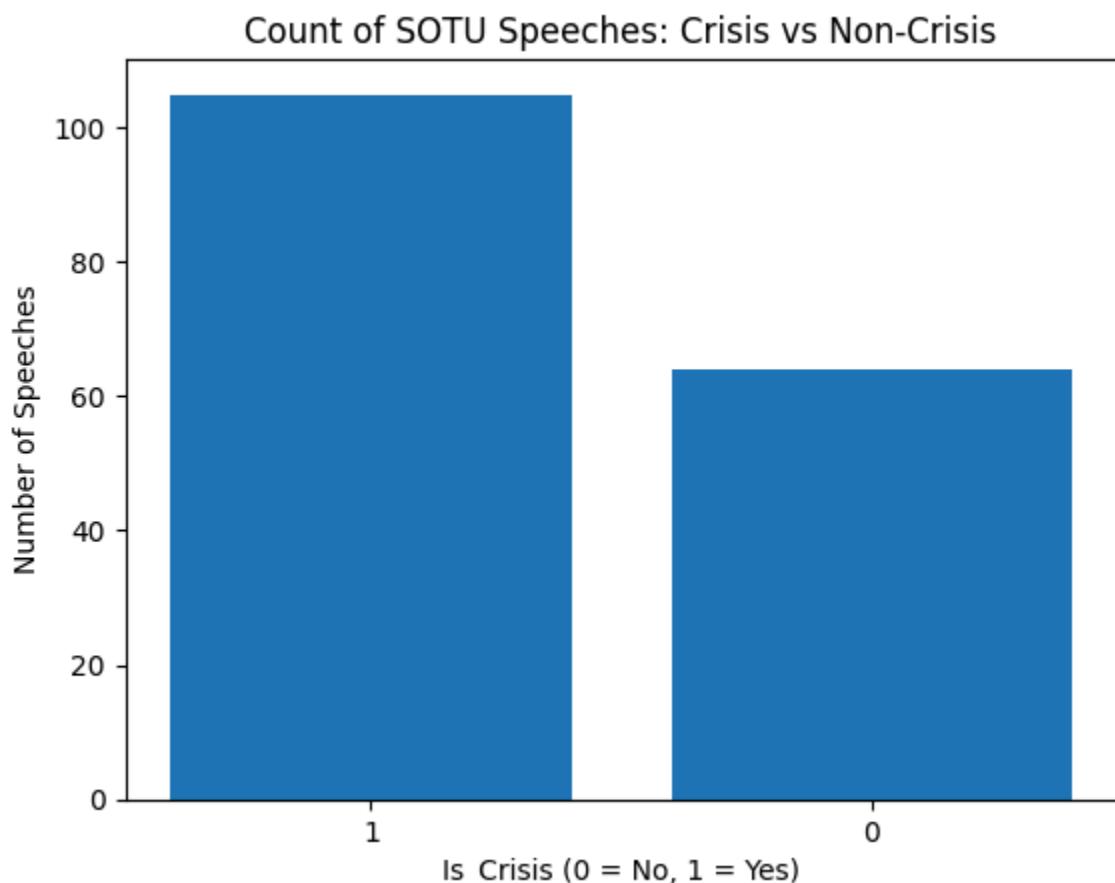
- **Source & Processing:** Constructed from the Title variable in the Input Data File. No data transformation was applied.
- **Observations:** 175(0)
- **Data Type:** Categorical

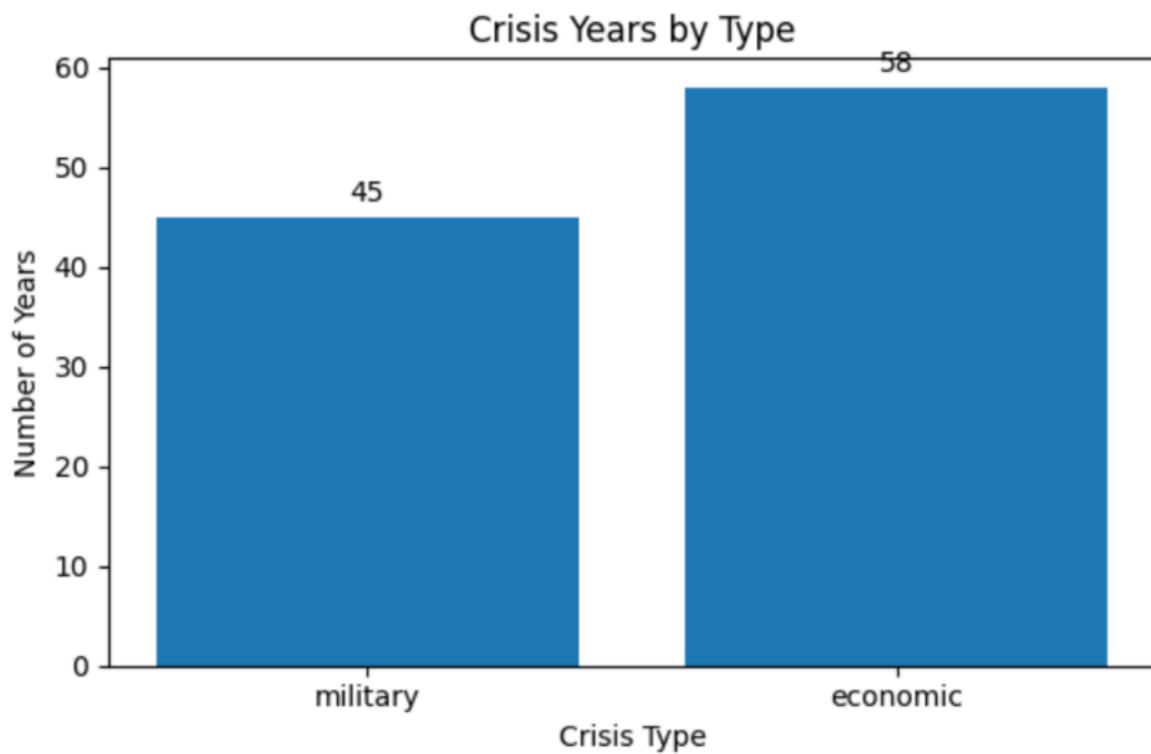
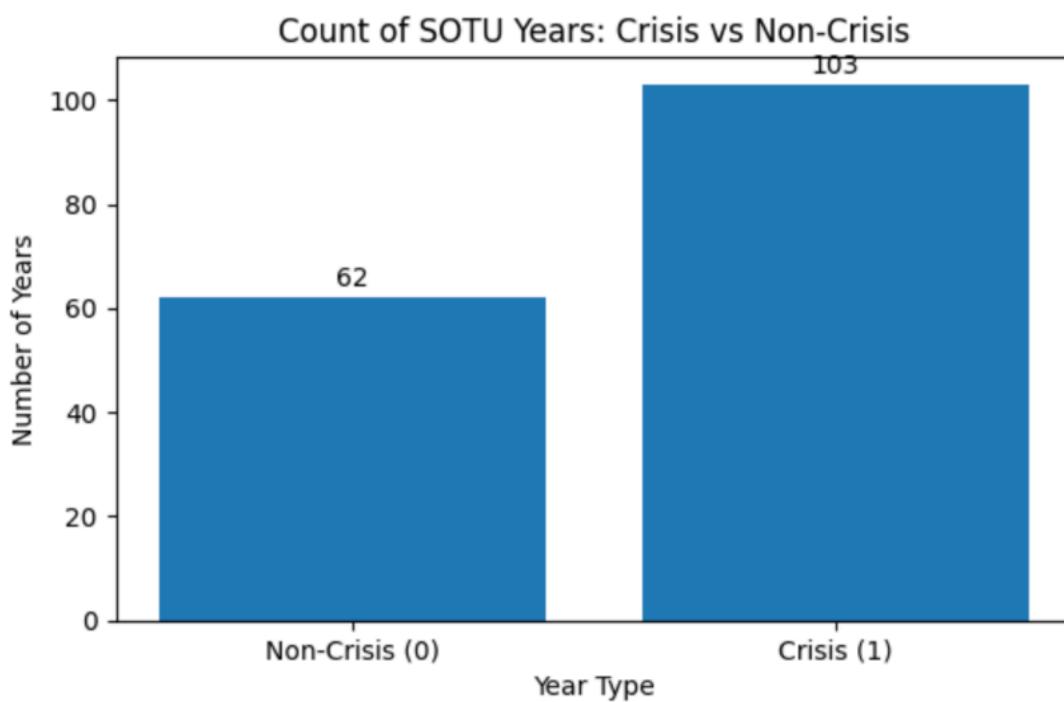
### Text

- **Source & Processing:** Constructed from the Text variable in the Input Data File. Contains the full speech transcripts.
- **Observations:** 175(0)
- **Data Type:** Categorical / Text
- **Frequency Table:** Omitted due to the unique, long-form text nature of each observation.
- **Visualization:** N/A

### is\_crisis

- **Source & Processing:** New variable generated during the data processing script. Based on a historical timeline matching to assign a 1 if the year corresponds to a major U.S. crisis event, and 0 otherwise.
- **Observations:** 175(0)
- **Data Type:** Categorical / Binary
- **Frequency Table:**
  - 0.0 (No Crisis): 64
  - 1.0 (Crisis): 105
- **Visualization:**





**crisis\_name**

- **Source & Processing:** New variable generated during data processing. Populated with the string name of the specific historical crisis when `is_crisis == 1`, and left as a null/missing value when `is_crisis == 0`.
- **Observations:** 175( )
- **Data Type:** Categorical
- **Frequency Table:** (*Top 5 displayed for brevity*)

○ Recessation	18
○ The Great Depression	9
○ Vietnam War	9
○ Panic of 1873 and long Depression	6
○ WWII	6
○ Vietnam War, Recessation	5
○ Korean War	4
○ Civil War	4
○ WWI	3
○ Philippine-American War	3
○ Panic of 1857	2
○ Panic of 1896	2
○ The Great Recession	2
○ The War on Terror / Post 9/11	2
○ Panic of 1910-11	2
○ Panic of 1893	1
○ Recessation, WWI	1
○ Panic of 1907	1
○ The Great Depression, Recessation	1
○ Early 90s recession	1
○ Name: count, dtype: int64	

- **Visualization:**

