



# NAVIGATING PROJECT 2025

A interactive tool  
for keyword discovery and visualisation

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Data Science Masters+ 2024/25  
Final Project

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The background of the slide features a dark blue field with a stylized American flag motif. In the top right corner, there are wavy red and white stripes. Scattered across the blue field are several white and light blue stars of varying sizes. A large, prominent white star with a blue outline is located in the bottom right corner.

# 01

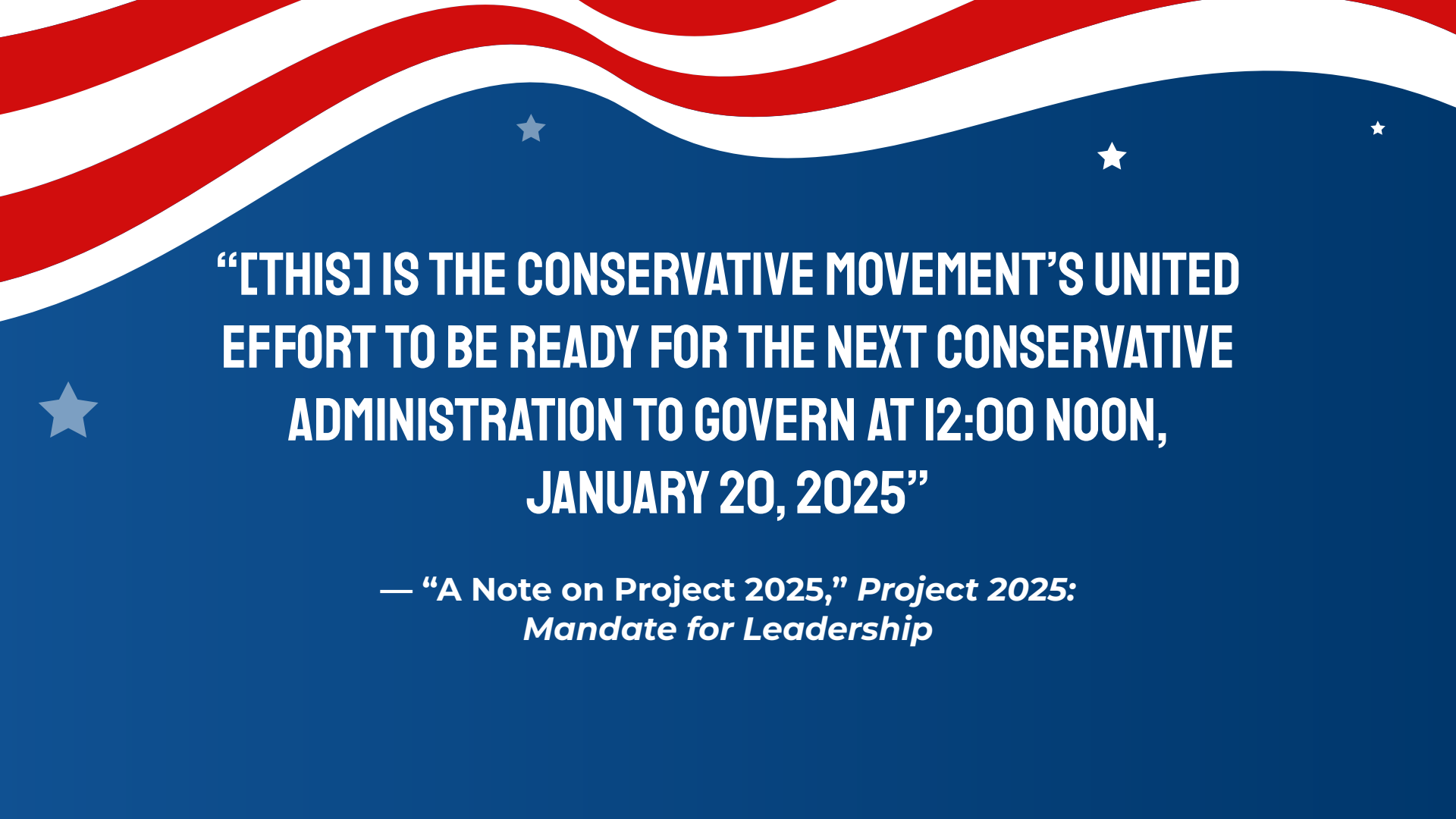
## BACKGROUND

How can the policy blueprint Project 2025 become more accessible for users seeking specific references and insights through data visualisation tools ?



# WHAT IS PROJECT 2025?

- American **policy blueprint** published by Heritage Foundation in **2022**
  - Proposes **changes to federal structure** and policies
  - Reflects **conservative priorities and values**
- 36 sections by different authors; **comprehensive**
- Roadmap for conservative policy makers despite controversy during campaign



**“[THIS] IS THE CONSERVATIVE MOVEMENT’S UNITED  
EFFORT TO BE READY FOR THE NEXT CONSERVATIVE  
ADMINISTRATION TO GOVERN AT 12:00 NOON,  
JANUARY 20, 2025”**

— **“A Note on Project 2025,” *Project 2025:  
Mandate for Leadership***



## **BENEFITS TO UNDERSTANDING**

- Insight into policy proposals
- Awareness of political goals
- Strategic planning
- Historical context

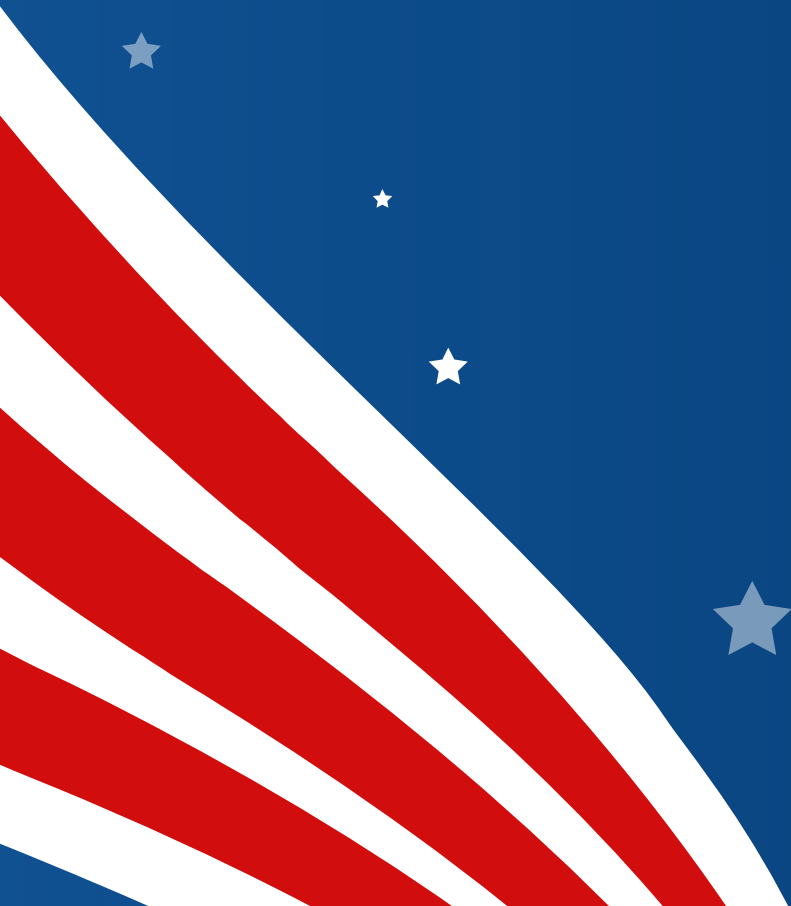
## **CHALLENGES TO UNDERSTANDING**

- Length and complexity
- Broad topic scope
- No official index
- Lack of summarization

A stylized graphic of the American flag, featuring red and white stripes on the left and a blue field with white stars on the right, set against a dark blue background.

## PROJECT GOALS

- **Keyword-Based Navigation:** Simplify exploration via targeted keywords.
- **Improved Accessibility:** Organise content into an interactive, user-friendly format.
- **Contextual Understanding:** Organise AI-generated summaries of keyword usage to grasp the significance of terms in document.
- **Enhanced Searchability:** Allow users to filter and sort content by reference type (e.g., critique, recommendation, statement) for more precise analysis.



# 02

## DESIGN



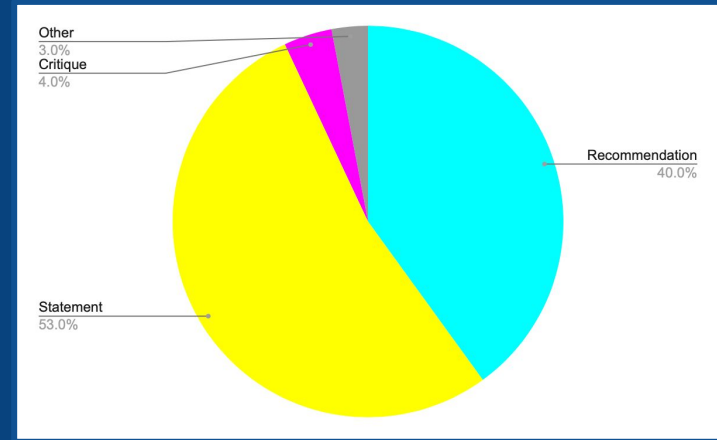
# DATA SET

- Acquired from Project 2025 Index by the Autonomy Institute
- **~12,000** total references from document
  - **~ 4,000** unique values
  - **~ 3,000** hapexes
- Each entry includes:
  - Keyword
  - Page and section numbers
  - AI-generated context summary
  - Wikidata/wikipedia links



# STEPS

- **Sorted AI summaries** into types (**statement, critique, recommendation, other**) based on verb patterns
- Programmed **search function**
- Designed **visualisations and result view**
- Added **links** to original document



# FEATURES

## KEYWORD SEARCH

Select and view one or multiple keywords in document

## FREQ. BY CHAPTER

Heatmap of keyword results per chapter

## TYPES OF REFERENCES

Results categorized by type and compared in bar chart

## SENTIMENT ANALYSIS

(Removed: non-meaningful data from AI generated summaries)

## “EDITION” OF RESULTS

Organises individual results by chapter, display with AI summary and link

## WIKI DESCRIPTIONS

(Proposed) display of wikidata description, link to wikipedia page

# 03

## INSIGHTS





# TECHNICAL IMPLEMENTATION

## CHALLENGES

1. **Variety** of keywords
2. **Categorizing** AI-summaries
3. Building “**edition**” of summaries

## SOLUTIONS

1. **Selectize** data picker
2. Sort based on verbs
3. Bootstrap with **bs4dash**

## LIMITATIONS

1. Reliability of AI-generated summaries
2. Sorting of reference types
3. Overlap of terms



# FUTURE FEATURES

1. Place all functions related to keyword search **in the same tab**
2. Add **wikidata summaries** as tooltips
3. Add **additional tabs** to survey complete data set or sort by chapter
4. Integrate **news API**



# SPECIAL THANKS TO



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# THANKS

Do you have any questions?

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