



# WeaponsWatch<sup>TM</sup>

"Clarity in a conflicted world"

Applied Data Science Presentation

Group gc-OSINT-MI7

# Context & Motivation



## The world is increasingly volatile

Global conflicts have doubled over the last 5 years



## Defence spending on the up – Why?

Global military spending surges to \$2.4 trillion in 2024



## Improving Transparency

Can we understand the factors that have led to this increase?

# Objectives



**Visualise Global Arms Trade Data**



**Analyse Development Indicators**

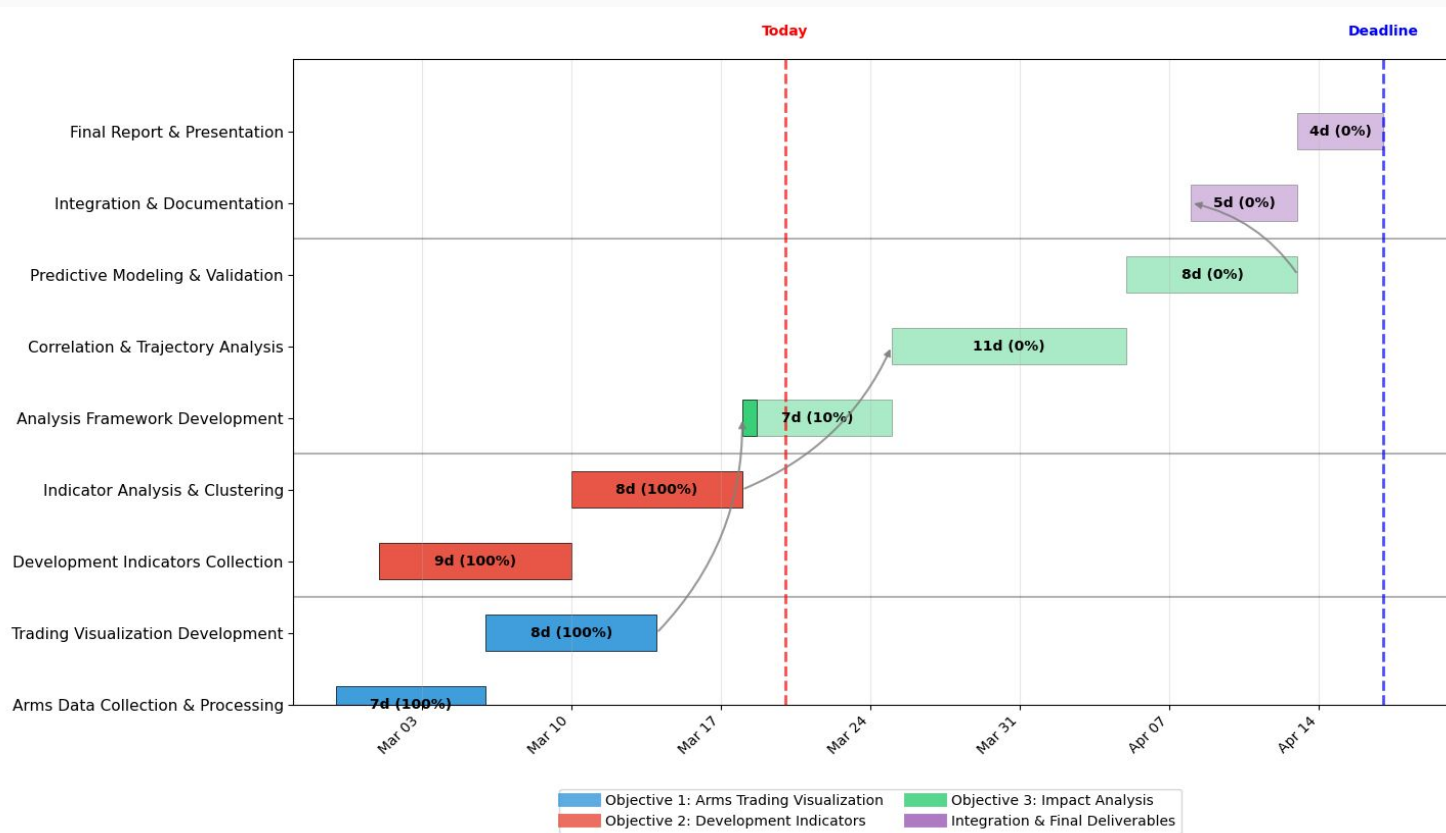


**Explore Impact of Development Indicators on Arms Trade**

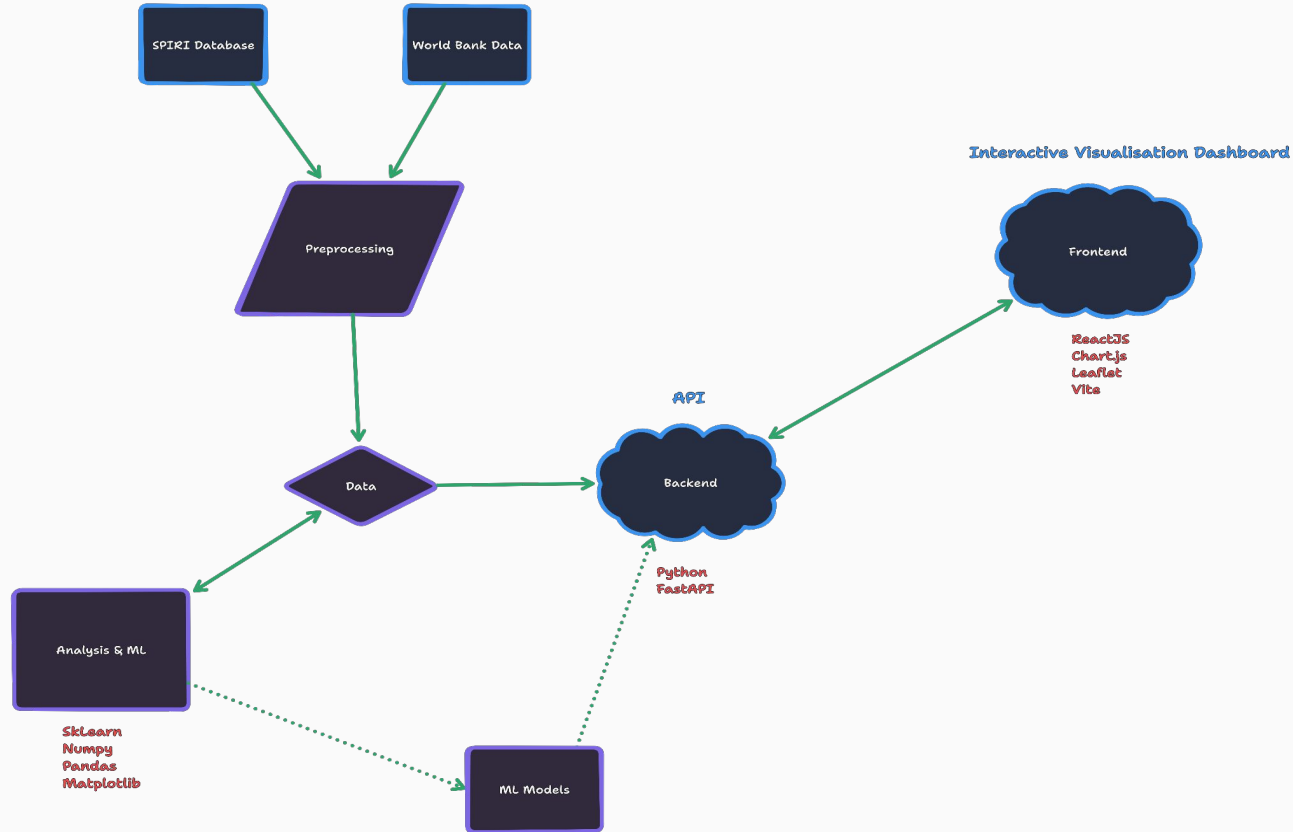
# Project WBS



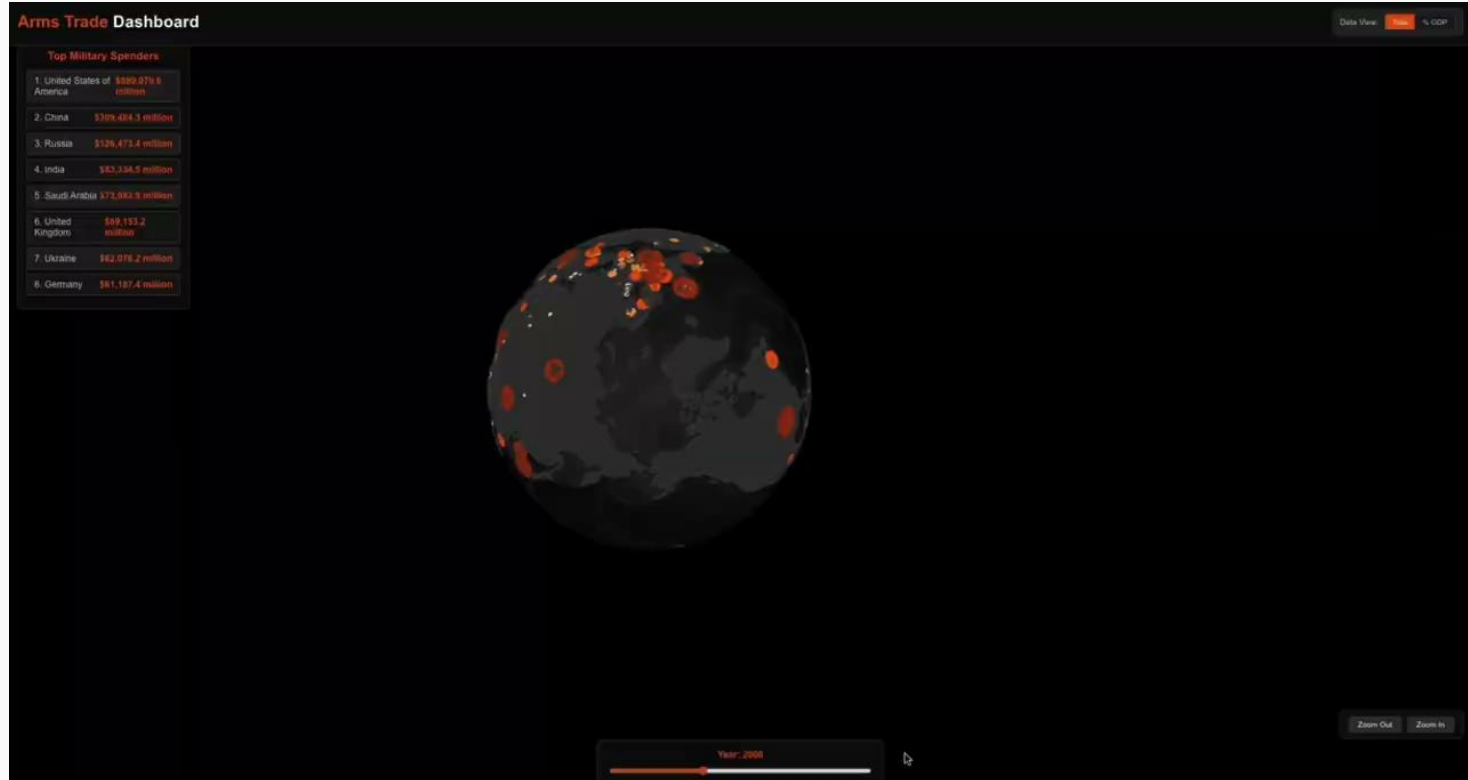
# Project Roadmap



# Work So Far - Architecture



# Work So Far - Objective 1

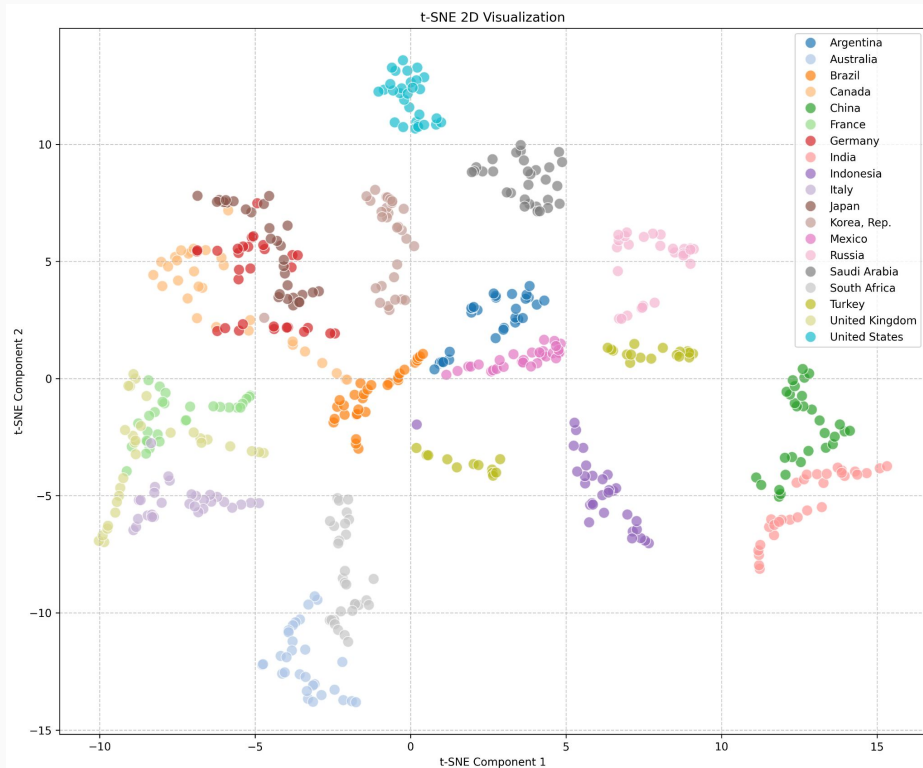


# Work So Far - Objective 2

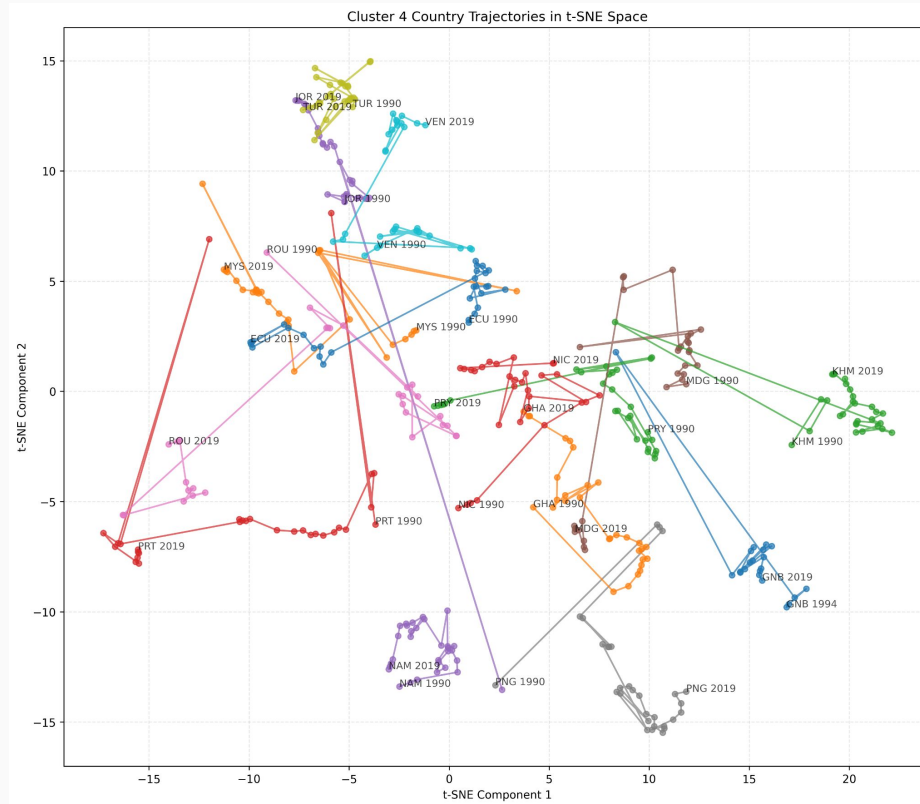
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# Work So Far - Objective 2

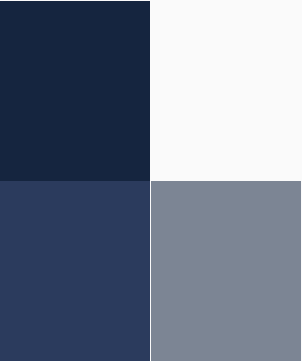


# Work So Far - Objective 2





# Challenges

- Choosing the best methods and visualisations to display our analysis
  - Distilling our analysis for a non-technical audience but still maintaining the depth and complexity that we desire
  - Data integrity, dealing with null values
  - Designing the architecture in the best way possible from the start so we wouldn't have to
- 



# What's Next

- Link arms trading to development indicators
  - Answer key questions
  - Continue integration
- 