Objectives

- **Proposed**
- **Active**
- **Cancelled**

Predict the **duration** and **updates to the duration** of Ground Delay Programs and Ground Stops

Predict the **coincidence** and the **duration of the coincidence** of Ground Delay Programs and Ground Stops

Approach & Expected Results

- **Data Fusion**
  - Weather data
  - Air Traffic and airport data
  - Flight data

Develop prediction models using different **Machine Learning** techniques

Enable airlines and passengers to plan efficiently to reduce delays and their impacts

Improve FAA’s decision making process for Traffic Management Initiatives

Background

- Inclement Weather
- Volume Constraints
- Runway Incidents

Traffic Management Initiatives

- Ground Delay Program
- Ground Stop
- Ground Stop