### Business Objective

\*\*Enhance Historical Analysis of Aerial Bombing Operations during World War II\*\*

The goal is to improve the understanding of how weather conditions influenced aerial bombing missions, enabling better historical insights and strategic planning in military operations.

### Business Constraints

1. \*\*Data Integrity:\*\* Ensure the accuracy and reliability of historical weather data used in the analysis, given the potential for missing or inaccurate entries.

2. \*\*Limited Historical Context:\*\* Acknowledge the challenges in interpreting weather data from the 1940s due to changing climate patterns and measurement techniques over time.

3. \*\*Resource Availability:\*\* Conduct the analysis within the constraints of available computational resources and time, considering the large volume of data.

### Success Criteria

1. \*\*Business Success Criteria:\*\* Establish a clear correlation between weather conditions and the success or failure of bombing missions, leading to at least a 30% improvement in the accuracy of mission assessments.

2. \*\*Model Performance Success Criteria:\*\* Achieve a regression model with at least 85% accuracy in predicting mean temperatures based on the weather dataset, ensuring reliable predictions for historical analyses.

3. \*\*Research Contribution Success Criteria:\*\* Publish findings in a relevant historical or military analysis forum, contributing to the broader understanding of the impact of weather on military operations during World War II.