Case Study –Machine Learning

Context

While exploring the Aerial Bombing Operations of World War II and recalling that the D-Day landings were nearly postponed due to poor weather, I sought out weather reports from the period to compare with missions in the bombing operations dataset.

Content

The dataset contains information on weather conditions recorded on each day at various weather stations around the world. Information includes precipitation, snowfall, temperatures, wind speed and whether the day included thunderstorms or other poor weather conditions

Acknowledgements

The data are taken from the United States National Oceanic and Atmospheric Administration - National Centres for Environmental Information website: ***https://www.ncdc.noaa.gov/data-access/land-based-station-data/land-based-datasets/world-war-ii-era-data***

Inspiration

This dataset is mostly to assist with the analysis of the Aerial Bombing Operations dataset.

Goal

The Goal or the objective of this study is to predict the max and min temp based on several parameters and represent it in a visual form.

Tools to be Used

Excel, Python, Power BI

Submission -

1. Presentation with proper detailing and reports screenshots with insights and explorations.

2. In the presentation mentioned about the timeline and the estimated cost to complete this project.