

# Tableau Project Report

## 1. Links:

- a. [BAND Tableau Project | Tableau Public](#)

## 2. Summary:

- a. A vertical bar chart was used in the first chart to illustrate the average delay time across different airports, we can clearly see that the worst airline in terms of highest delay time is Hawaiian Airlines Inc.
- b. A map graph was chosen in the second visualization to explain the airline delays patterns per airport, it's apparent that Falls International Airport has the highest airline delay on average.
- c. On the last chart we wanted to explore different types of delays distribution and how they compare to each other on a monthly level, late aircraft delays have the highest values while security delays have the lowest values on average

## 3. Design:

- a. Since we are dealing with discrete data in the first chart the best chart would be a bar chart that would be easy for the eye to evaluate the difference in size.
- b. A map is the best visualization for representing data when analyzing location-based trends.
- c. When analyzing data over time the go-to chart is always a line chart due to its ease of understanding and visual clarity.

## 4. Resources:

- a. Flight-Delays Dataset-2015: [2015 Flight Delays and Cancellations](#)