

# US Flights Data Exploration

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Data set:

- Data covered US flights from 1987 to 2008 but we work on a the 2006 to 2008 that contains 16984354 row and 28 columns
- You get this dataset from the below link  
[Data Set Link](#)

## Summary of Findings

After exploring data, we find that most

- 1- Telluride airport has the highest departure cancellation number percentage of 15% from total departure flights
- 2- Watelloo Munitipal airport has the highest cancellation rate for arrival flights with a percentage near 14%
- 3- even though March, January, and April have the highest flight rate but July have the highest delay percentage
- 4- Weather is the main factor behind flights cancellation and delay

## Key Insights for Presentation

For the presentation, I focused on graphs that help to highlight the problem cause flight cancellations and delayed by making a spotlight on when and where the high rate of cancellation and delay occurred.

And I hope these investigation help authorities to figure out what the problem is and try to help it