**Data visualization project - Flight Delays and Cancellations**

**visualization #1**

**link:** [**https://public.tableau.com/app/profile/fady.malek/viz/CancellationDashboard\_16522853540110/CancellationDashboard**](https://public.tableau.com/app/profile/fady.malek/viz/CancellationDashboard_16522853540110/CancellationDashboard)

**1. What stats have the most delays and cancellations in September?**

**- Illinois has the most 354 flights canceled**

**-then California with 352 and New York with 408 flights**

**We get this by filtering the viz with Month by Making Month to ABC then Make a Aliases from number to Months like (January, February, … )**

**Summary :**

**visualization #2**

**link:** [**https://public.tableau.com/app/profile/fady.malek/viz/AIRLINE\_16522911341990/Sheet8?publish=yes**](https://public.tableau.com/app/profile/fady.malek/viz/AIRLINE_16522911341990/Sheet8?publish=yes)

**summary:**

**-What is the top 10 airlines in terms of airtime?**

**WN airline is at the top again followed by DL, AA, UA…**

**visualization #3**

**link:**

[**https://public.tableau.com/app/profile/fady.malek/viz/top10AIRLINECancellation/Sheet4?publish=yes**](https://public.tableau.com/app/profile/fady.malek/viz/top10AIRLINECancellation/Sheet4?publish=yes)

**summary:**

**-what is the top 10 Airline that canceled over all time**

**The observation that the percentages change a bit, but they remain at the top**

**Design comments:**

**Used color-blind friendly color palette**

This data comes from a Kaggle dataset, it tracks the on-time performance of US

domestic flights operated by large air carriers in 2015.

Resources:

• Udacity Advanced Data Analysis Nanodegree.

•Project walkthrough:

<https://www.youtube.com/watch?v=9xqHA732LMA&feature=youtu.be>

• Data: <https://www.kaggle.com/usdot/flight-delays/data>