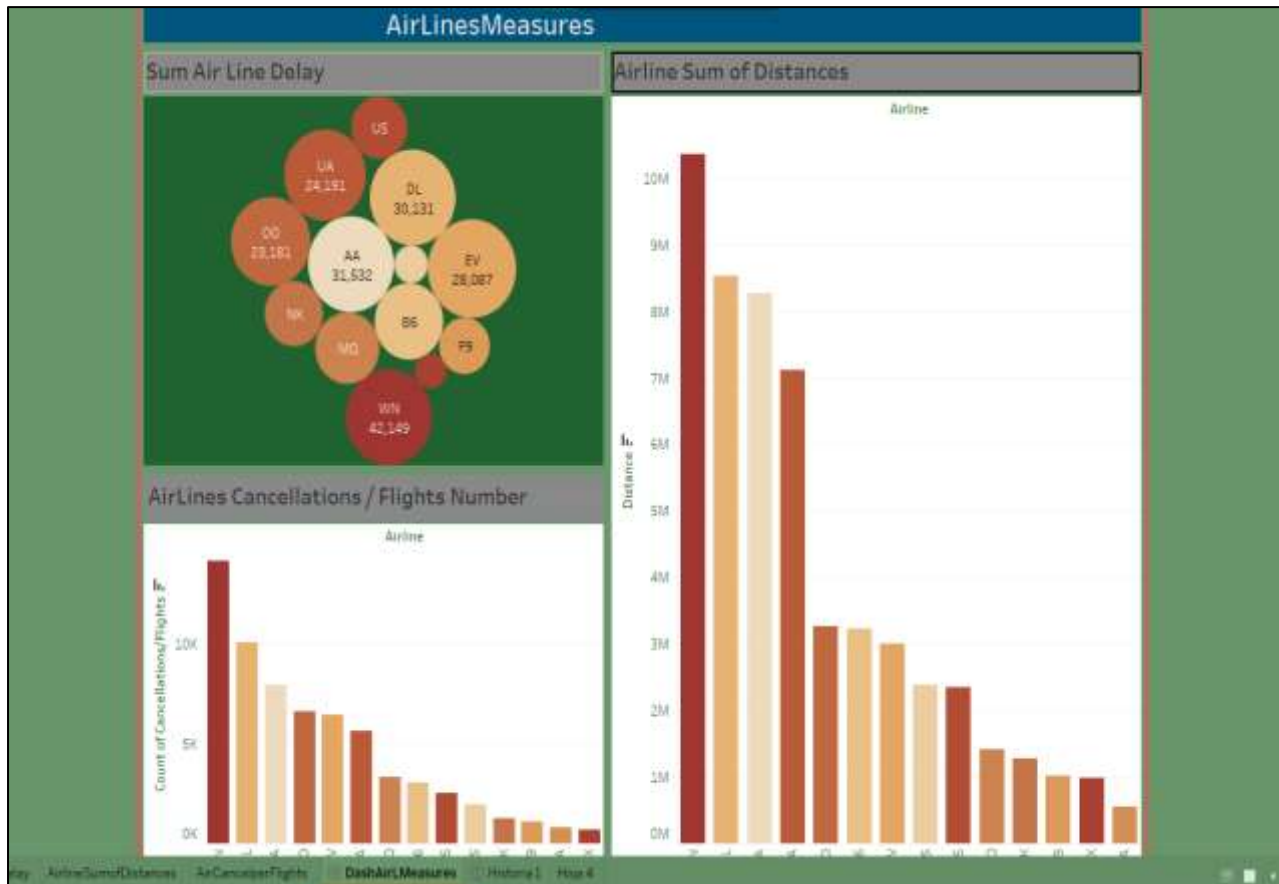# Dashboard AirLines Measures:

-Summary: The object of this Dashboard is show the efficiency of the studied Airlines according to its measured delays, Sum of distances run, and the ratio of cancellations per number of flights scheduled. All data are refered to the year 2015.

Airline WM seems to convey the worst figures in accordance with Delays incurred, and the proportion acumulated between cancellations and number of flights run. Yet, it is the Airline with the highest number of distances travelled with its planes.

On the other hand we can find the Airline VX meaning the lowest ratio cancellations / flights, although it is also among the number of yds run throught all of 2015.

In order to perform this Dashboard have been used Nominal variables and Quantitative ones, which shows the delays, distances, cancellations, and flight number. These last ones are considered discrete type, for cancellations and flights number, whereas for distances and delays are considere continous type. A Calculated field has been performed on Cancellantions / Flights number to facilitate a global vision.

It is worth mentioning that has been added the sum of values for the graphic representations now, not the count of them. Thus, a better understanding of values as been provided.

- Resources: All of this information is extracted from the WorkBooks: airlines.xls, airports.xls, and flights.xls, that can be found on the WebPage: https://www.kaggle.com/usdot/flight-delays/data

-<u>Design</u>: The images that was selected has been Clustered Bubbles (Count AirLIne Delay). Doing so, the size and different colors of the shape convey accurately the dimension and importance of delay among the others, comparing easily the amount of this kind of drawback for the AirLine. BarCharts have been chosen for depicting Sum of Distances and the ratio Cancellations / Flights number. By it, the value of every AirLine is fully represented graphically and ease so the direct comparation with the rest of the Airlines. One tone-color ("Café") makes it easier to be more visible the graphic for every kind of users, easing so the comparation among items on it. "Extra" legend has been avoided now not to repeat the same value names appearing on the bottom and vertical position on Bar Charts.