

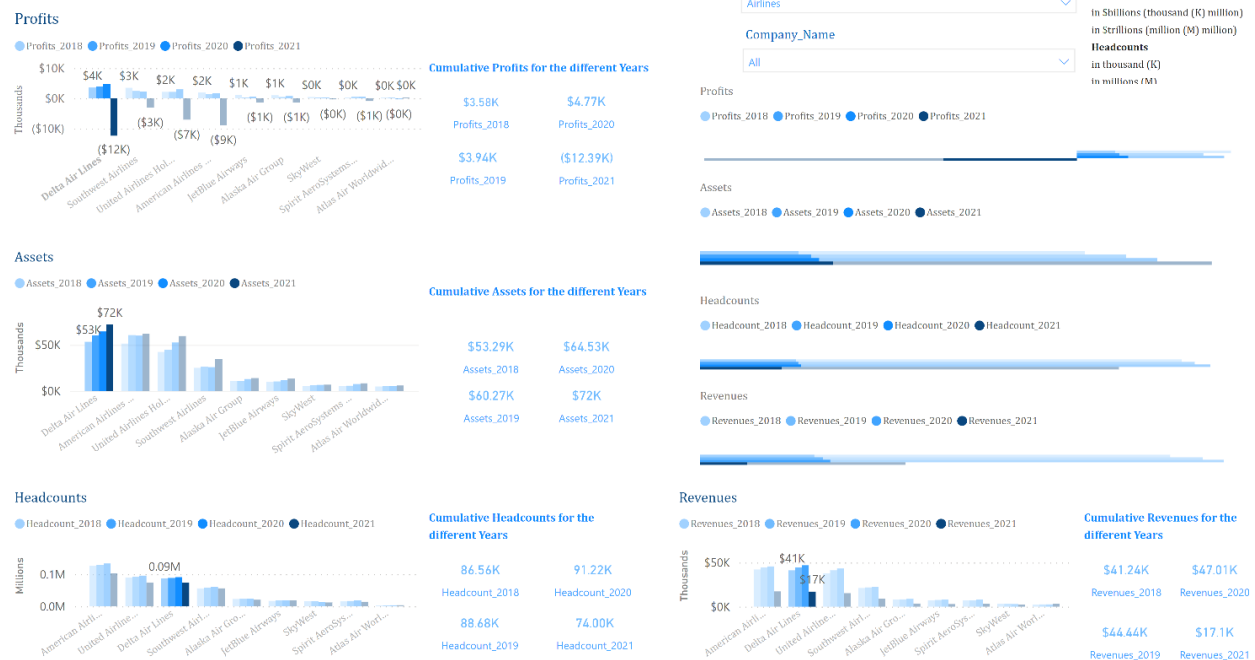
Documentation

Interactive Dashboard for Profits, Assets, Headcounts and Revenues for Companies of the Fortune 1000 for years 2018-2021

Objective – This visualization was created with the goal of conducting an ad hoc analysis of the Fortune 1000 dataset in a visual manner to check the parameters of a particular company for a given user

The visualization created in Power BI

Profits, Assets, Headcounts and Revenues for Companies for 2018-2021



Explanation

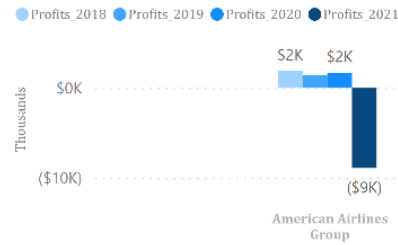
Four Boxes

The Dashboard created in Power BI displays the four parameters given in the Fortune 1000 list for the four different years – 2018-2021.

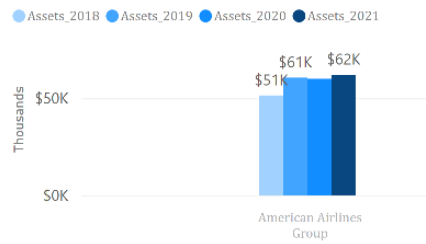
These parameters are – Profits, Assets, Headcounts, Revenues

As seen below, each of these is displayed in a little box on the left with four different bar charts for the years and the corresponding companies.

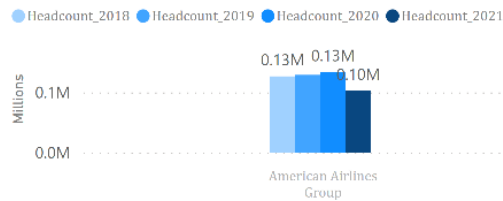
Profits



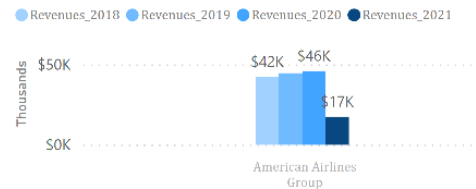
Assets



Headcounts



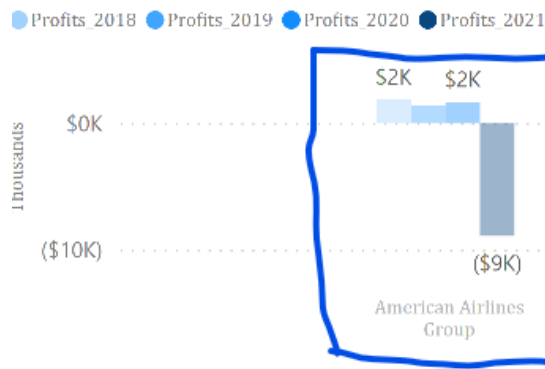
Revenues



Graph and Word format

Each box has the data for each year and also the values are mentioned in word form for each of these years on the right to allow for easier visibility to the user

Profits



Cumulative Profits for the different Years

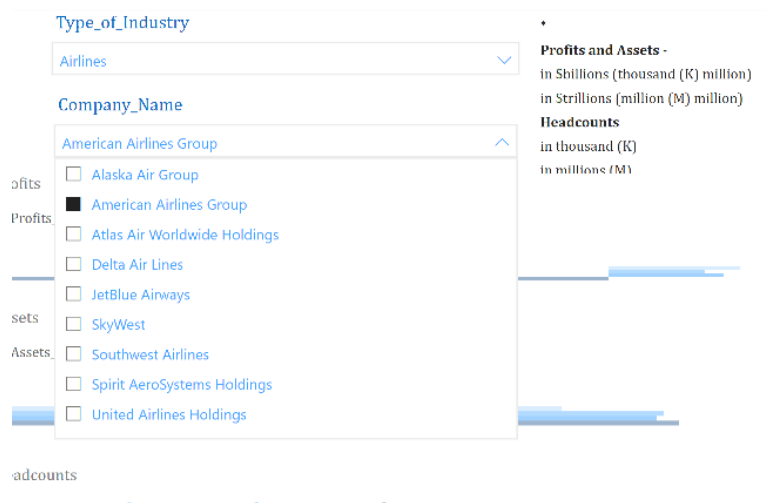
\$1.92K	\$1.69K
Profits_2018	Profits_2020
\$1.41K	(\$8.89K)
Profits_2019	Profits_2021

Sliders and Key

The industry and company name can be selected from the sliders given in the top right corner of the dashboard in order to narrow down on the search.

Once an industry or furthermore a company is chosen all the different data is presented. This can allow cross connection between the different parameters which will show all at once since they are not on different pages.

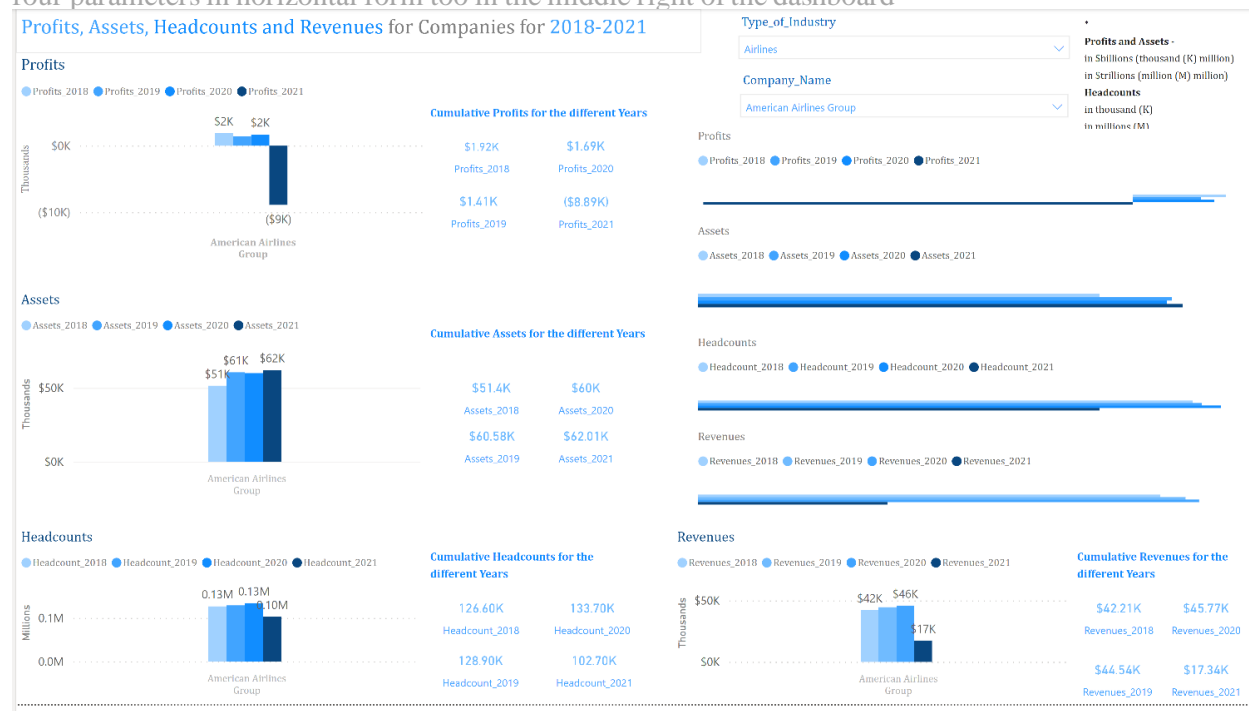
Along with this the key is present in the top right corner, this mentions that Profits, Revenues and Assets are shown in the boxes in K or thousands but each thousand represents a billion since they are in millions of dollars each. While the headcounts are simply per person and so are in thousands (K) or millions (M).



Ad Hoc Visual Analysis

Airlines -

This dashboard allows us to make a quick analysis that – if Airlines as an industry and American Airlines Group were chosen in the sliders, it can be observed that the profits markedly dropped in the year 2021 compared to the prior years, this is also reflected in the revenue fall. Due to this fall in profits the decline in headcount for this company is also reflected in the headcounts box. The same data is reflected for all four parameters in horizontal form too in the middle right of the dashboard



Technology –

Conversely to Airlines, if we select Technology as industry and furthermore Amazon as the company an alternate trend can be observed such as a drastic increase in profits corresponding with a drastic increase in revenue and also reflected with an increased headcount.

Profits, Assets, Headcounts and Revenues for Companies for 2018-2021



In this manner this visualization can be used to play with data in the Fortune 1000 dataset in a visualization format.