

*** A paragraph or two about the work you've done (data sourcing, data cleaning, etc)**

I downloaded my dataset from Portal da Transparência, a Brazilian website where the government publishes all kinds of data related to spendings, salaries, government programs, etc. I decided to analyze the Chamber of Deputy's (the lower house of the Brazilian Congress) spendings on airplane rentals over the course of the past six years (from 2013 to 2018). The dataset I was working on allowed me to look at amount spent, deputy name, transaction date (year and month), rental company, state of origin of the House representative as well as political party. The data was completely clean, so I didn't have to make any changes before the analysis.

*** A paragraph or two about your findings**

I was able to find out a couple of interesting things after my analysis. First of all, I discovered that, since 2013, 1776 airplanes were rented by the Congress. 2014 was the year with the highest spendings by far: over 5 million reais, which is roughly equivalent to 1,5 million dollars. The most expensive transaction was 184 thousand reais.

I was also curious to know who were the representatives who have spent the most money and who were the ones who have rented the most airplanes. Turns out that the first place in both those rankings belongs to Átila Lins, a House representative from Amazonas. He has rented 119 airplanes and spent over 1 million reais over the six-year period. He has definitely contributed to put Amazonas on the top of the ranking of states that spent the most money on airplane rentals. Following Amazonas were Piauí, Ceará, Pará and Bahia.

Átila is one of the 22 representatives of the dataset affiliated to the PP party, the leader on spendings on airplane rentals, followed by PSDB, PTB, PSD and MDB.

*** A list of additional "nice to have" improvements - this can be other graphics, improvements on your existing graphics, or further data analysis.**

- Fix the first graphic so that each dot represents an airplane rental
- Also improve the design of the first chart (maybe change the colors a little bit)
- Move the labels away from the ticks
- Change the font of the labels
- Research about the limit budget for airplane rentals by representatives in Brazil and about Átila Lins
- Put the exact number of rentals next to the bars on the second chart

- Analyze rentals by month
- Make different kinds of charts, other than bar, line and scatter charts
- Make a graph for the state analysis (maybe colored by region?)