Analysis FAA Wildlife strike

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2019-07-27

Tidy Tuesday

For this 30th edition in 2019 of **Tidy Tuesday** we have a dataset coming from the FAA Wildlife Strike database to look at. A report on the full dataset can be found **here**.

Source

Full data dictionary

EDA

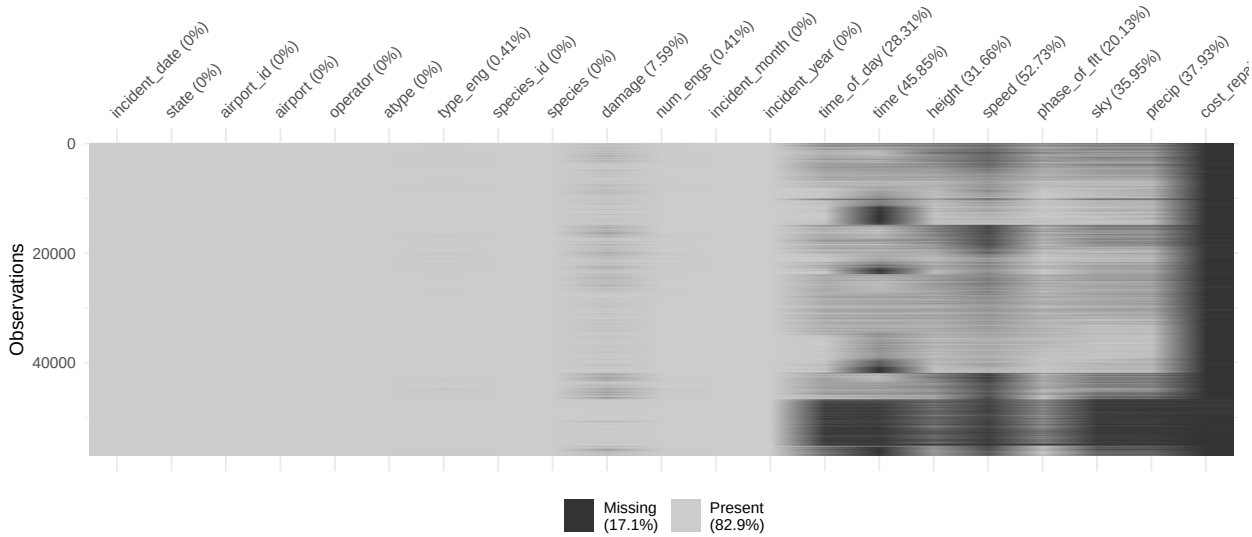
First we need to import some basics libraries in order to observe the dataset.

```
library(tidyverse)
library(visdat)
library(skimr)
library(RColorBrewer)
library(glue)
library(cowplot)
library(magick)
library(lubridate)
library(paletteer)
library(ggforce)
```

Then, we get the data from this **link**

```
wildlife_impacts <- readr::read_csv(link)
```

We can first, check if we have missing values



Interesting. It seems that most of the dataset is complete but **17,1%** of missing values is not negligible! We have to be careful about the choices of our variables.

Let's see a different reprenetation of our data using the `skirmr` library.

We have a dataset with high dimensions 56978, 21. There is time-series data and geospatial data in this dataset so there is a lot of possibilities for the choice of plot.

Data wrangling & plots