

Practicing with Quarto

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Today, we're going to analyze some data on flights from New York City!!! Let's first load some packages. We're going to need the following packages:

- **tidyverse**: This includes all of the functions for manipulating and plotting our data
- **nycflights13**: This includes the data set that we're working with

```
# install.packages(c("tidyverse", "nycflights13"))
library(tidyverse)
```

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.6
v forcats    1.0.1      v stringr    1.6.0
v ggplot2    4.0.1      v tibble     3.3.1
v lubridate  1.9.4      v tidyr      1.3.2
v purrr      1.2.1
-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

```
library(nycflights13)
```

Now that we've loaded the datasets, let's create some exploratory plots. The plot below shows us that Jetblue (coded as B6) is the most common airline to leave out of JFK.

```
flights |>
  filter(origin == "JFK") |>
  ggplot(aes(x = carrier)) +
  geom_bar()
```

