

# Heat Map

`install.packages("nycflights13")`—**flights** dataset

- Remove NA values
- Compute flight delay cost for every flight. And delay cost into dataset

Hint: Cost Index=[(number of flights)\*mean(delay)/mean(distance)]

- Select top 50 largest arrival delays
  - convert delay cost dataframe to a matrix
- Hint: `delay_mat<- delay_df.matrix(top50)`

- Visualize Heat Map
- Hint: `c("Flights","Distance","Delay","Cost Index")`