Assignment #0

Submit this Assignment on myCourses by uploading a compiled (knitted) PDF file (not .Rmd!) to the Assignment #0 submission folder by Friday, September 16th at 11:59 p.m. EST.

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1. Please enter your name next to the bullet below:

- $SimonHsu$

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2. Please enter your student ID **in bold** next to the bullet below.

- 260610820

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3. Choose your favorite **two (2)** math equations from this Wikipedia page and transcribe them below using Rmarkdown (LaTeX) math syntax.

$$y(x) = x\frac{dy}{dx} + f\frac{dy}{dx} \quad Clairaut's equation$$

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4. Now, for this assignment, using the code from the R Markdown Intro, write code in the R code block below to add the median and the standard deviation to the summary table of departure delays with the mean and the sample size using the *median()* and *sd()* functions.

```
### Be sure these two libraries are installed -- see the Intro!
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##     filter, lag

## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```r
library(nycflights13)
summarise(flights,
delay = mean(dep_delay, na.rm = TRUE), n=n())
```

```
## # A tibble: 1 × 2
##      delay      n
##      <dbl>  <int>
## 1 12.63907 336776
```

END OF ASSIGNMENT