STATS 205: Final Project Write-Up

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1. Background of the data and why it is interesting or important

2. Explanation of the method studied and its properties

3. Data analysis or simulation study

```
who_suicide_statistics_df <- read.csv("who_suicide_statistics.csv")
nrow(who_suicide_statistics_df)
```

```
## [1] 43776
```

```
colnames(who_suicide_statistics_df)
```

```
## [1] "country"      "year"         "sex"          "age"          "suicides_no"
## [6] "population"
```

Filter and save countries with missing suicide rate.

```
install.packages("devtools", dependencies=TRUE, repos='http://cran.us.r-project.org')
```

```
## Installing package into '/home/bliutwo/R/x86_64-pc-linux-gnu-library/3.6'
## (as 'lib' is unspecified)
```

```
install.packages("tidyverse", dependencies=TRUE, repos='http://cran.us.r-project.org')
```

```
## Installing package into '/home/bliutwo/R/x86_64-pc-linux-gnu-library/3.6'
## (as 'lib' is unspecified)
```

```
install.packages("tidyr", dependencies=TRUE, repos='http://cran.us.r-project.org')
```

```
## Installing package into '/home/bliutwo/R/x86_64-pc-linux-gnu-library/3.6'
## (as 'lib' is unspecified)
```

```
library(tidyverse)
```

```
## Registered S3 methods overwritten by 'ggplot2':
##   method         from
##   [.quosures     rlang
##   c.quosures     rlang
##   print.quosures rlang
```

```
## -- Attaching packages --------------------------------- tidyverse 1.2.1 --
```

```
## v ggplot2 3.1.1      v purrr   0.3.2
## v tibble  2.1.1      v dplyr   0.8.1
## v tidyr   0.8.3      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.4.0
```

```
## -- Conflicts ------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
```

```
## x dplyr::lag()    masks stats::lag()
filtered_suicide_df <- drop_na(who_suicide_statistics_df, "suicides_no")
nrow(filtered_suicide_df)

## [1] 41520
```

4. Interpretation of the results or discussion