

# Data Visualization with R - Introduction to Ggplot2

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Before we begin

Install R

Install RStudio

Make sure we have the necessary packages installed

```
install.packages("ggplot2") install.packages("tibble")
```

```
install.packages("dplyr") install.packages("Lock5Data")
```

```
install.packages("gridExtra") install.packages("corrplot")
```

```
install.packages("maps") install.packages("mapdata")
```

```
install.packages("mapproj")
```

shiny tidyverse gapminder

Verify if they are correctly installed

```
library(ggplot2) library(tibble) library(dplyr) library(Lock5Data)
```

```
library(gridExtra) library(corrplot) library(maps) library(mapdata)
```

```
library(mapproj)
```

```
getwd
```

```
setwd
```