ggplot2

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Learn data visulization with 'ggplot2'.

```r
#National Parks in California
ca <- read_csv("data/ca.csv")

#Acadia National Park
acadia <- read_csv("data/acadia.csv")

#Southeast US National Parks
se <- read_csv("data/se.csv")

#2016 Visitation for all Pacific West National Parks
visit_16 <- read_csv("data/visit_16.csv")

#All Nationally designated sites in Massachusetts
mass <- read_csv("data/mass.csv")
```

```r
ggplot(data = <DATA>) +
  <GEOM_FUNCTION>(
     mapping = aes(<MAPPINGS>),
     stat = <STAT>,
     position = <POSITION>
  ) +
  <COORDINATE_FUNCTION> +
  <FACET_FUNCTION>
```

```r
head(ca)
```

```
## # A tibble: 6 x 7
##   region state code  park_name                         type          visitors  year
##   <chr>  <chr> <chr> <chr>                             <chr>            <dbl> <dbl>
## 1 PW     CA    CHIS  Channel Islands National Park National Park       1200  1963
## 2 PW     CA    CHIS  Channel Islands National Park National Park       1500  1964
## 3 PW     CA    CHIS  Channel Islands National Park National Park       1600  1965
## 4 PW     CA    CHIS  Channel Islands National Park National Park        300  1966
## 5 PW     CA    CHIS  Channel Islands National Park National Park      15700  1967
## 6 PW     CA    CHIS  Channel Islands National Park National Park      31000  1968
```

```r
ggplot(data=ca) +
  geom_point(aes(x = year, y = visitors))
```