Final Report

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Load Packages

```
library(tidyverse)
```

Load Data

```
heart <- readr::read_csv("heart.csv")

mean_cholesterol <- heart %>%
  group_by(ChestPainType) %>%
  summarize(mean_cholesterol = mean(Cholesterol))%>%
  print()
```

```
## # A tibble: 4 x 2
##   ChestPainType mean_cholesterol
##   <chr>                    <dbl>
## 1 ASY                       187.
## 2 ATA                       233.
## 3 NAP                       197.
## 4 TA                        207.
```

```
mean_cholesterol %>%
  ggplot()+
  geom_col(mapping = aes(x = ChestPainType, y = mean_cholesterol,  fill = ChestPainType), position = "d
    theme(legend.position = "none")+
    labs(title = "Mean Cholesterol Levels",
         subtitle = "By Chest Pain Type",
         x = "Chest Pain Type",
         y = "Mean Cholesterol Levels (mm/dL)")
```

Mean Cholesterol Levels

By Chest Pain Type