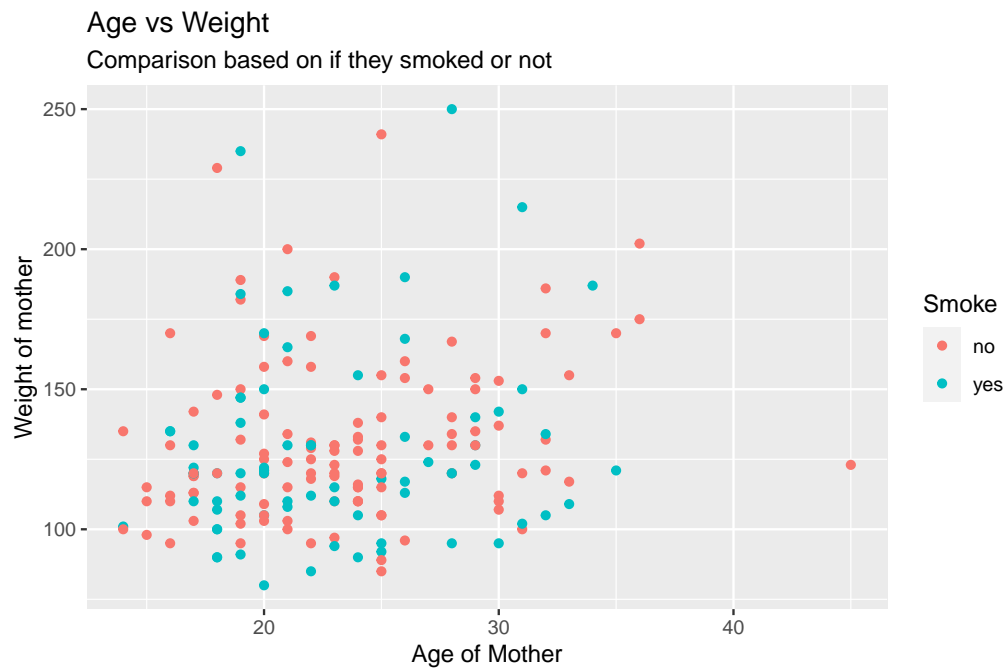


STA 138: Final Project

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3/02/2021

## Question 1: Low Birth Rate



Graph A

① Introduction

② Materials and Methods

③ Results

④ Conclusion

## Code Appendix

```
# cuttingoffcode
library(knitr)
opts_chunk$set(tidy.opts = list(width.cutoff = 70), tidy = TRUE)
# library & importing data
library(readxl)
library(tidyverse)
baby <- read_excel("baby.xls")
ischemic <- read_excel("ischemic.xlsx")
# analysis for question 1
baby %>% ggplot() + geom_point(mapping = aes(x = age, y = weight, color = smoke)) +
  labs(title = "Age vs Weight", subtitle = "Comparison based on if they smoked or not",
        x = "Age of Mother", y = "Weight of mother", color = "Smoke", caption = "Graph A")
```