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library(ggplot2)

# ler o arquivo

data <- read.csv("https://web.tecnico.ulisboa.pt/~paulo.soares/pe/projeto/master.csv")

# dados filtrados de acordo com o enunciado

data_filtered <- subset(data, year == 1986 & age == "25-34 years")

# criar o gráfico

p <- ggplot(data_filtered, aes(x = sex, y = suicides.100k.pop, fill = sex)) +
  geom_boxplot(color = "black", size = 0.7) +
  scale_fill_manual(values = c("male" = "#1f77b4", "female" = "#ff7f0e")) +
  labs(title = "Suicides per 100k Population in 1986 for Age Group 25-34",
        x = "Sex",
        y = "Suicides per 100k Population") +
  theme_minimal() +
  theme(plot.title = element_text(hjust = 0.5, face = "bold", size = 14),
        axis.title.x = element_text(face = "bold"),
        axis.title.y = element_text(face = "bold"))

print(p)

```

