

Sample Density Plot

```
# Basic ggplot-related packages

library(ggplot2)
library(latex2exp)

# Diamonds samples dataset has prices and other attributes of ~54,000 diamonds.

data(diamonds)

# Setting options for plot formatting, including font type + size, and title
# alignment, using `minimal` theme

theme_bcg <- theme_minimal(base_size = 9, base_family = "Palatino") +
  theme(plot.title = element_text(hjust = 0.5))

# Generating density plot

ggplot(data = diamonds, aes(x = depth)) + geom_density() +
  labs(title = "Sample Density Plot",
       y = "Density",
       x = "Depth") +
  theme_bcg
```

