week12hw

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Using LaTeX
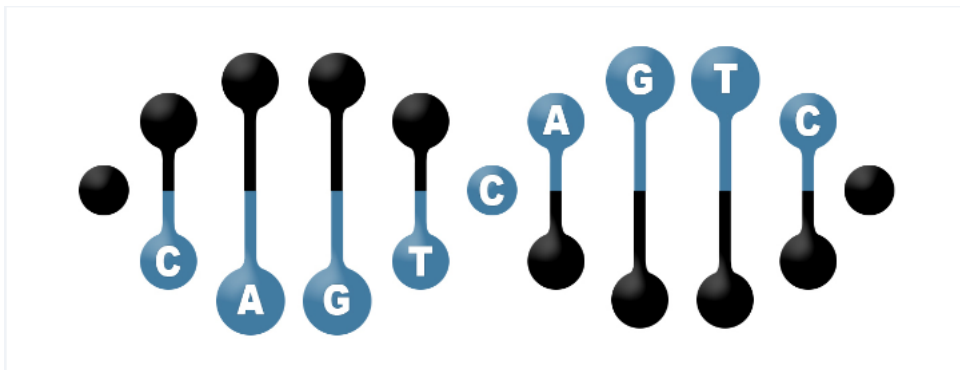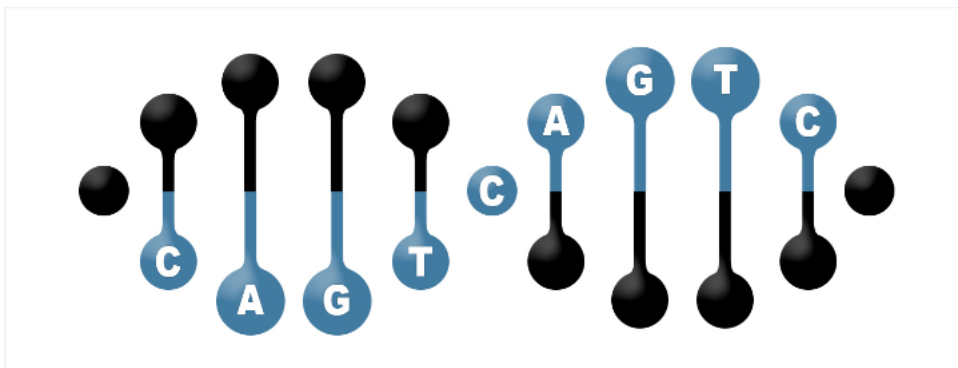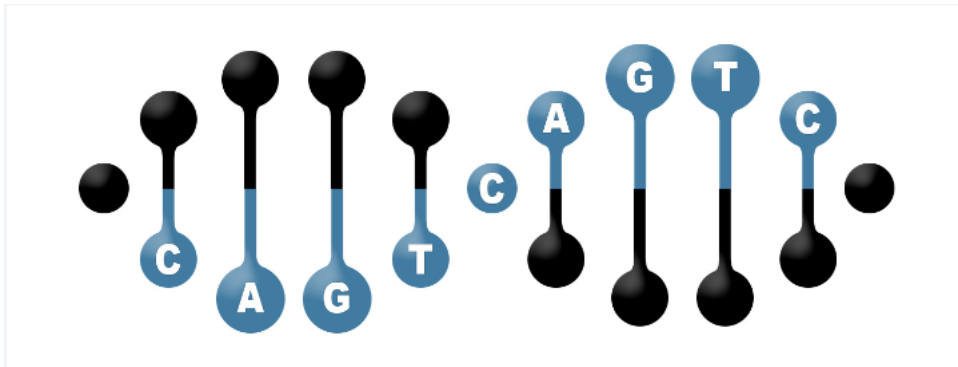

Figure 1: An Example Figure in LaTeX
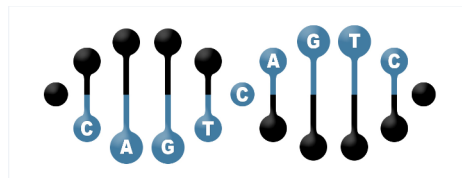
Using Markdown

Using HTML

URL

```
# Define the URL of the image
url <- "https://github.com/weiziwu/week12hw/raw/main/R_image.png"

# Define the file name for saving the image
file_name <- "R_image.png"

# Download the image from the URL
download.file(url, destfile = file_name, mode = "wb")
# Show the downloaded image
knitr::include_graphics("R_image.png")
```

ggplot2 figure

```r
library(ggplot2)

# Create plot

# Create a ggplot object using mtcars dataset
p <- ggplot(mtcars, aes(x = mpg, y = wt)) +
  geom_point() +
  labs(title = "Scatter plot of MPG vs. Weight",
       x = "Miles per Gallon (mpg)",
       y = "Weight (1000 lbs)")

# Print the plot
print(p)
```
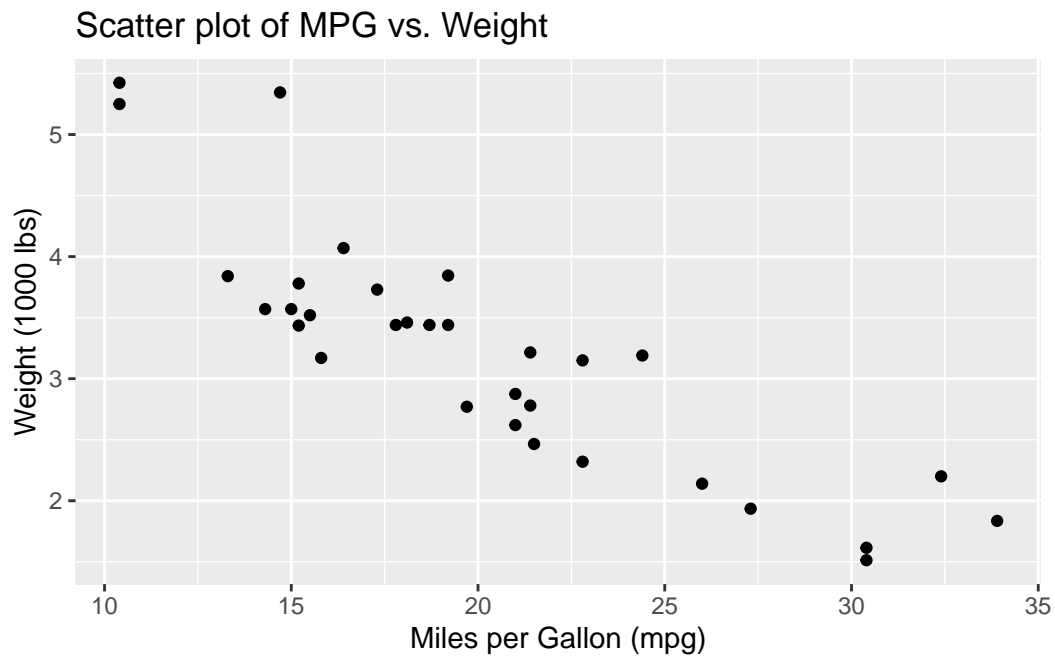

Figure 2: Example Scatter plot of mtcars Created with *ggplot2*