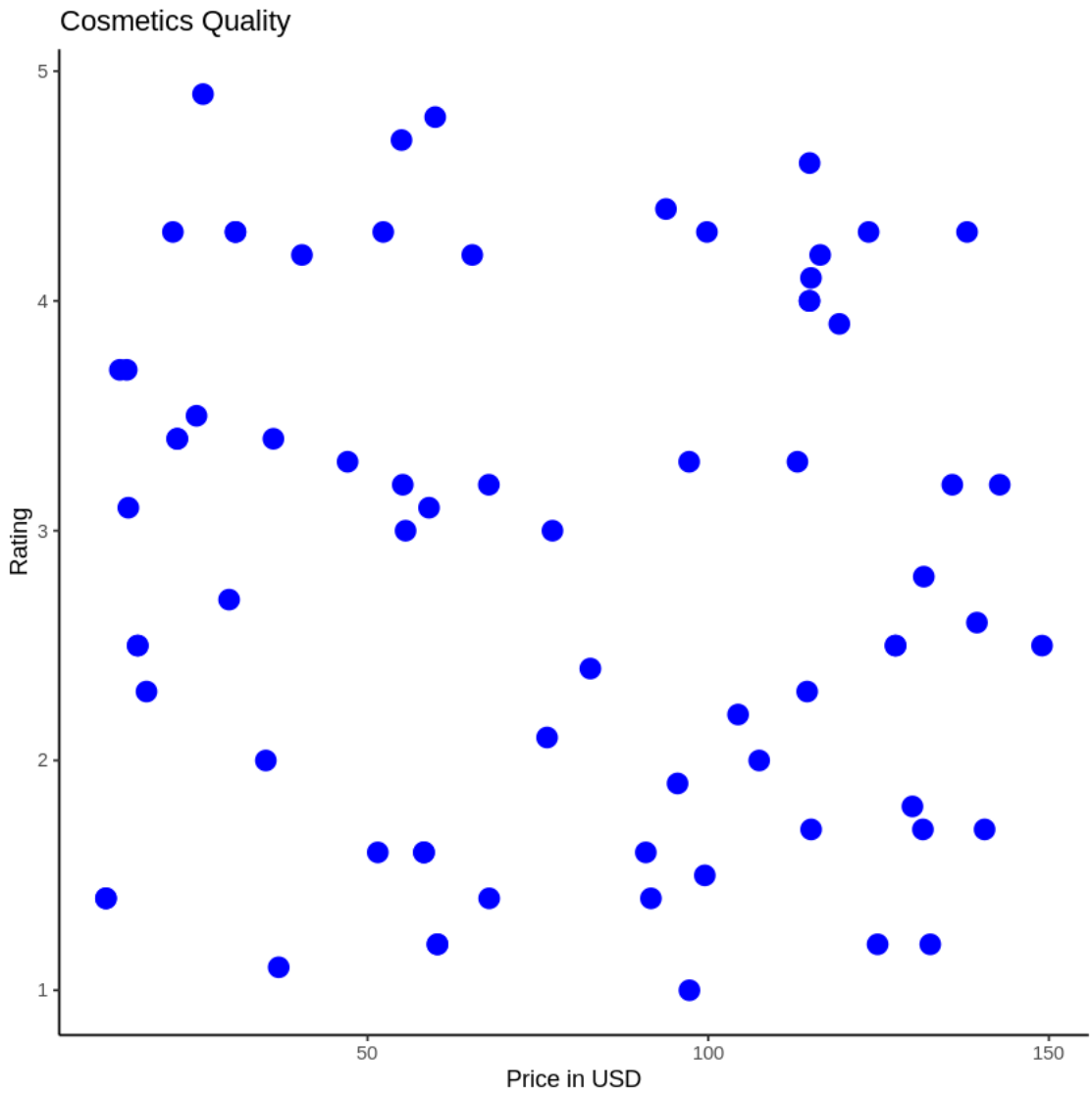
point-plot-1

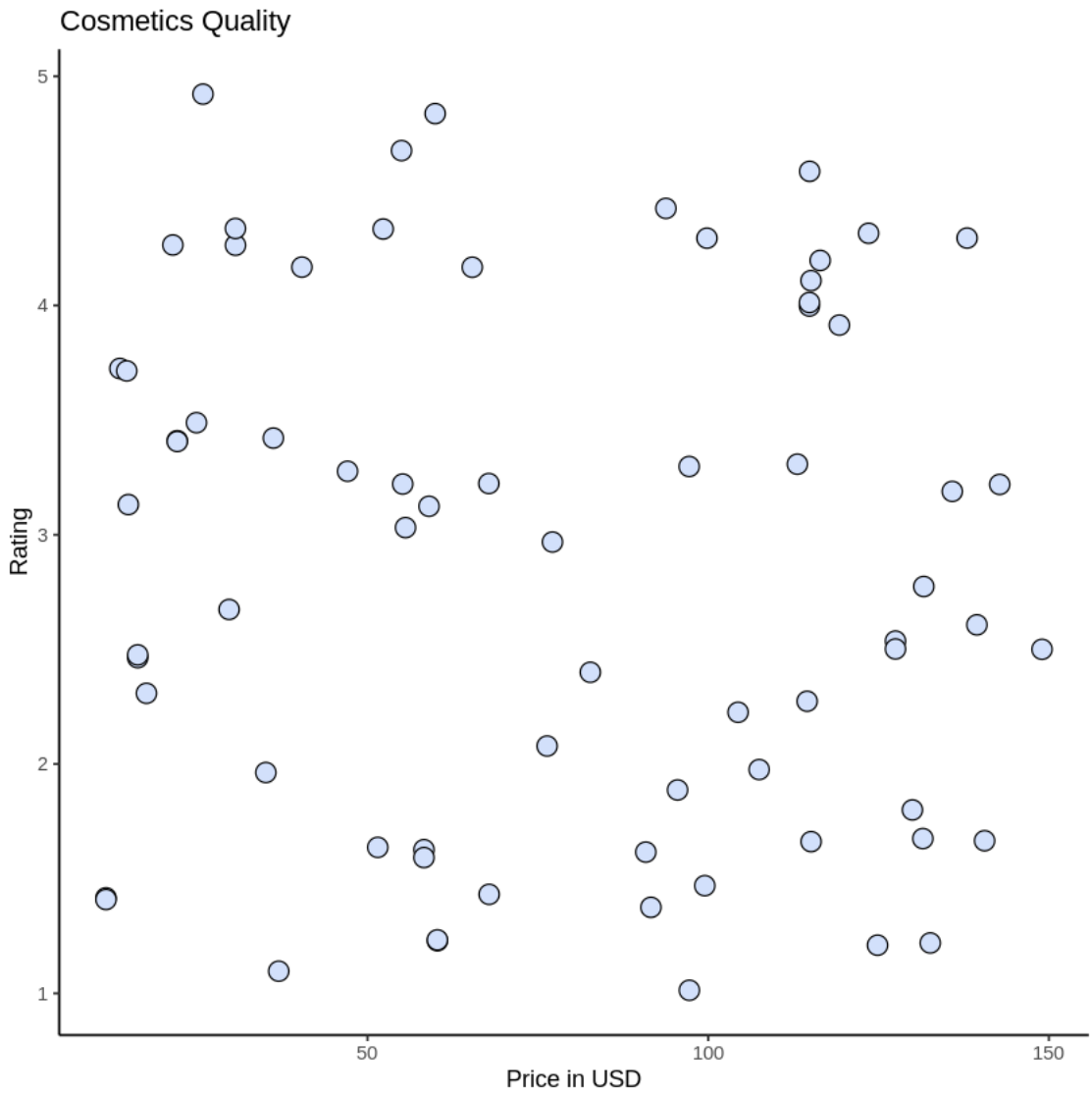
September 10, 2024

Point Plotting

[28]:
```
library(tidyverse)

data_frame <- read.csv("/content/final_data.csv")

ggplot(data_frame,aes(x = Price_USD,y = Rating)) +
  geom_point(color="blue",size = 4)+
  labs(title = "Cosmetics Quality",
       y = "Rating",
       x = "Price in USD")+
  theme_classic()
```



[31]:
```
library(tidyverse)

data_frame <- read.csv("/content/final_data.csv")

ggplot(data_frame,aes(x = Price_USD,y = Rating)) +
  geom_jitter(color="black",size = 4,fill="#D2E0FB",shape= 21)+
  labs(title = "Cosmetics Quality",
       y = "Rating",
       x = "Price in USD")+
  theme_classic()
```



Time Series

[66]:
```
# Load the necessary libraries
library(readxl)
library(ggplot2)

above_danger <- 100
# Read the Excel file
data_frame <- read_excel("/content/anita.xlsx")

# Simplified timestamp conversion
data_frame$timestamp <- as.POSIXct(data_frame$timestamp)
```

```r
# Plot the data
data_frame |>
  ggplot(aes(x=timestamp, y=wind)) +
  geom_line(linetype=1,linewidth=0.8,color="#B43F3F")+
  geom_point(color="#674636", size=4)+
  labs(title="Hurricane Anita",x="Date",y="Wind Speed")+
  geom_hline(yintercept = above_danger,linetype = 3)+
  theme_classic()
```