

Sega Series Analysis by R

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Create Dataset that only filter Sega as publisher

```
Sega_data <- GameData %>%  
filter(publisher == "Sega")  
view (Sega_data)
```

Find the most sold copy for Sega game series

```
Most_Sell <- max(Sega_data$shipped, na.rm = TRUE) #There a lot of NA data which can't print it out  
Most_Sell_Series <- Sega_data[Sega_data$shipped == Most_Sell, "name"]  
Most_Series <- na.omit(Most_Sell_Series)  
result <- Most_Series[[1]]  
print(result)
```

```
## [1] "Sonic the Hedgehog"
```

Find all game series Sega published and make a plot

```
Sega_series <- Sega_data %>%  
filter(platform == "Series")
```

Plotting : Sega Series

```
ggplot(Sega_series, aes(x = name, y = shipped)) +  
  geom_bar(stat = "identity", fill = "#2E75B6") +  
  geom_text(aes(label = shipped), vjust = -0.3, color = "black", size = 3.5) +  
  labs(title = "Total Series Sold by Sega ",  
        x = "Series Name",  
        y = "Total Shipped Copy (Million)") +  
  theme(axis.text.x = element_text(angle = 45, hjust = 1, face = "bold"),  
        axis.text.y = element_text(face = "bold"))
```

