
title: "python to R Analysis"

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output: pdf

```
``{r}
```

```
library(tidyverse)
```

```
library(naniar)
```

```
library(visdat)
```

```
bill_df <- read.csv("C:/Users/Talha/Downloads/forbes_billionaires.csv", header = TRUE, na.strings =  
c("NA", "N/A", ""))
```

```
head(bill_df)
```

```
glimpse(bill_df)
```

```
sum(duplicated(bill_df))
```

```
bill_df %>%
```

```
  count(Name) %>%
```

```
  filter (n > 1)
```

```
sum(is.na(bill_df))
```

```
miss_var_summary(bill_df)
```

```
bill_df %>%
```

```
  arrange(NetWorth) %>%
```

```
  vis_miss()
```

```
'''
```

```
```{r}
```

```
bill_df_cleaned <- na.omit(bill_df) %>%
```

```
 distinct(Name, .keep_all = TRUE)
```

```
sum(is.na(bill_df_cleaned))
```

```
bill_df_cleaned %>%
```

```
 count(Name) %>%
```

```
 filter (n > 1)
```

```
print(bill_df$NetWorth)
```

```
bill_df_cleaned %>%
```

```
 ggplot(aes(x = NetWorth)) + geom_histogram(binwidth = 40, color = "blue", fill = "blue") + labs(title =
 "Net Worth")
```

```
'''
```

```
``{r}
```

```
NetWorthLabel = c("1 - 88.5", "88.6 - 177")
```

```
bill_df_cleaned$NetWorth_Group = cut(bill_df_cleaned$NetWorth, breaks = c(1, 88.5, Inf), labels =
NetWorthLabel, right = FALSE)
```

```
ggplot(data = bill_df_cleaned, mapping = aes(x = NetWorth_Group, y = Age)) + geom_boxplot(alpha = 0,
color = "black", fill = "white") + geom_jitter(color = "red", alpha = 0.5) + labs(title = "Forbes bill_df 2021
by Age")
```

```
``
```