Testing

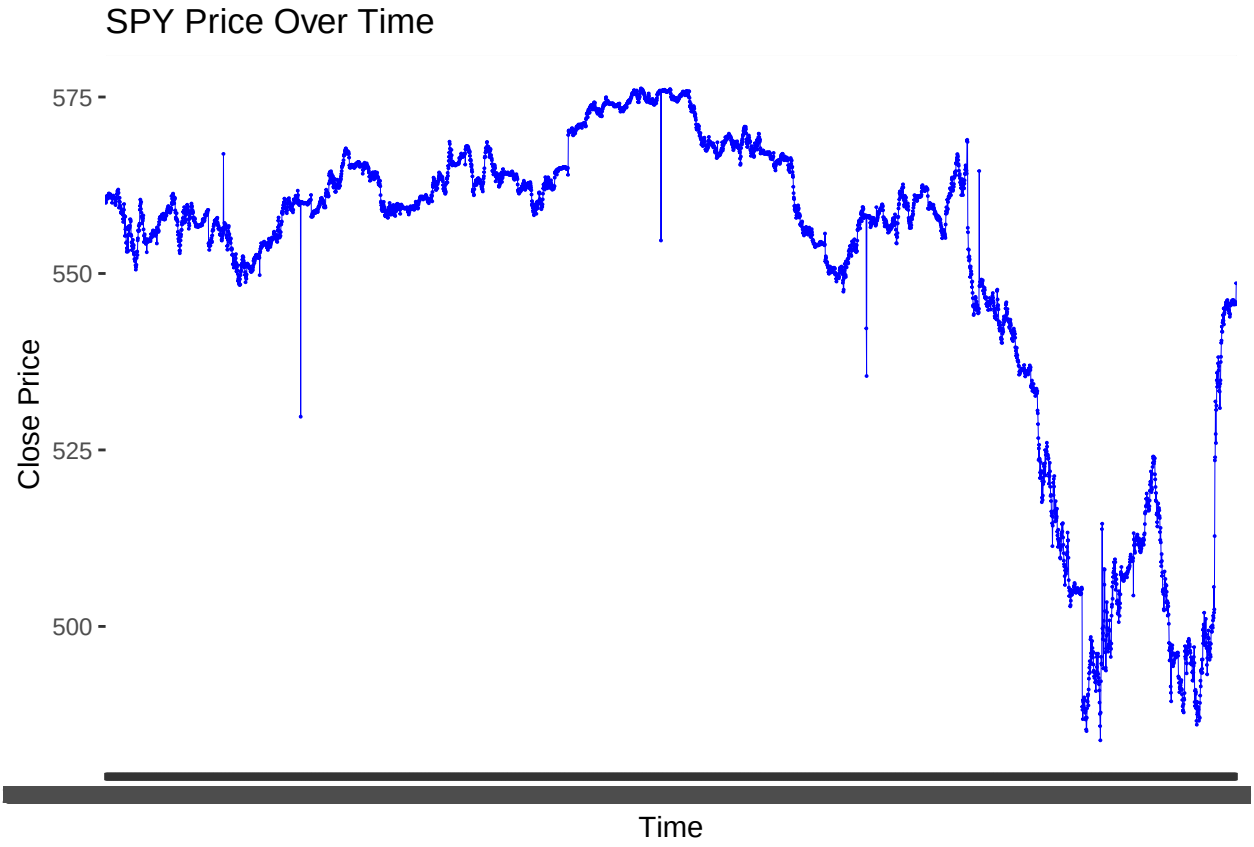
Contents

```r
#political shocks
raw_truths <- read.csv(here("data/political_data", "trump_all_truths.csv"))
raw_tweets <- read.csv(here("data/political_data", "tweets.csv"))



#market prices
raw_ONEQ <- read.csv(here("data/market_data", "ONEQ.csv"))
raw_SMI <- read.csv(here("data/market_data", "SMI.csv"))
raw_SPY <- read.csv(here("data/market_data", "SPY.csv"))
raw_VTHR <- read.csv(here("data/market_data", "VTHR.csv"))
raw_VTI <- read.csv(here("data/market_data", "VTI.csv"))
```

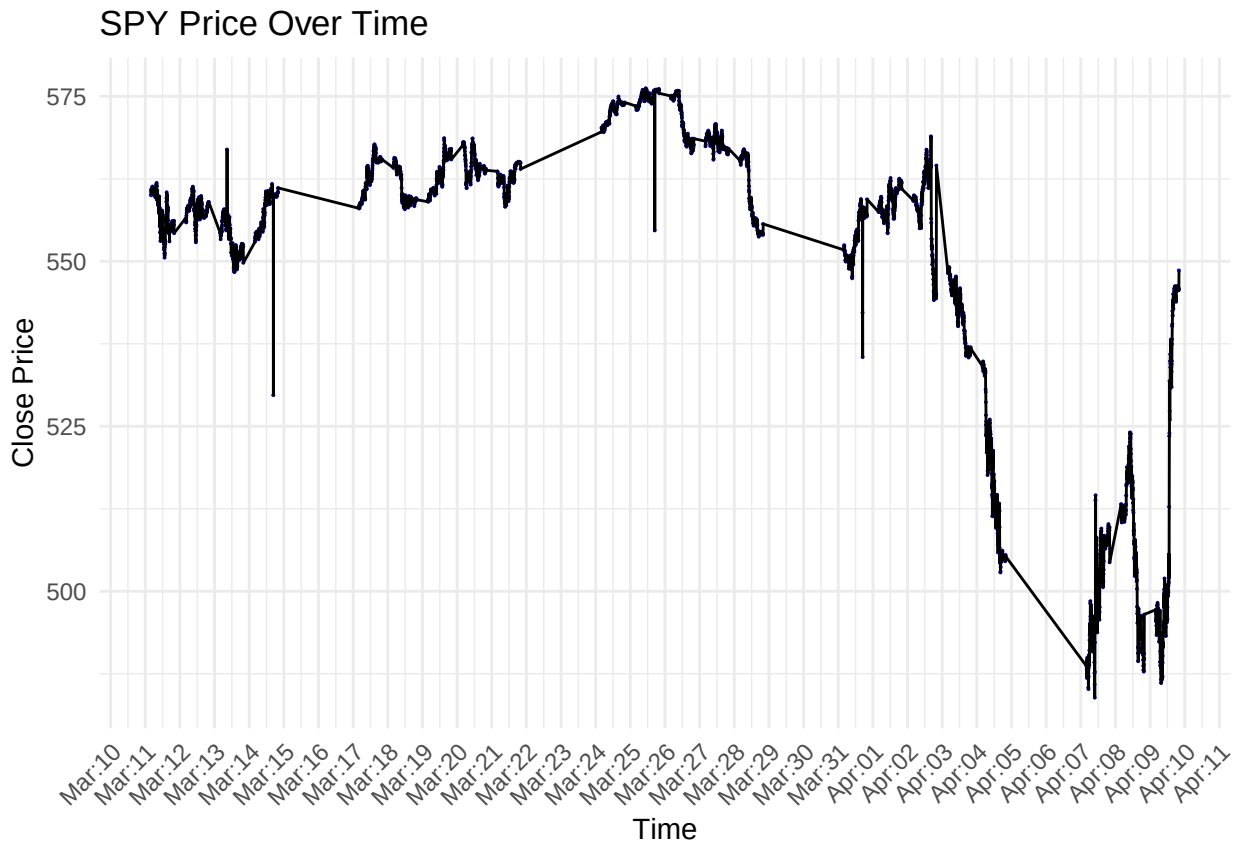
```r
#political shocks
truths <- 1
tweets <- 1



#market prices
ONEQ <- 1
SMI <- 1
SPY <- 1
VTHR <- 1
VTI <- 1
```

Plots

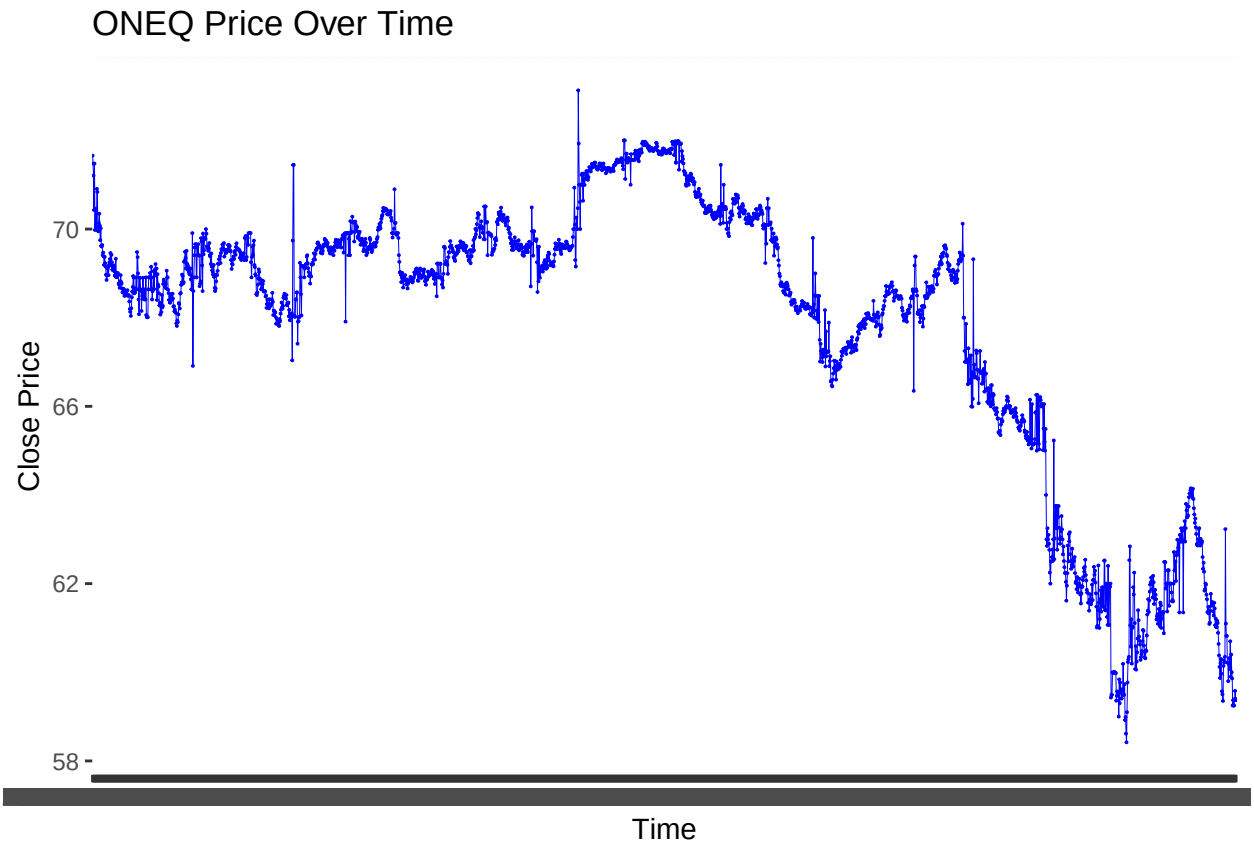
```r
#SPY
ggplot(raw_SPY, aes(x = timestamp, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1), color="blue", linewidth=0.05) +
  labs(title = "SPY Price Over Time",
       x = "Time",
       y = "Close Price")
```




```
SPY_times = as.POSIXct(raw_SPY$timestamp, format = "%Y-%m-%d %H:%M:%S", tz = "UTC")
#SPY correct dates?
ggplot(raw_SPY, aes(x = SPY_times, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1)) +
  labs(title = "SPY Price Over Time",
       x = "Time",
       y = "Close Price") +
   scale_x_datetime(date_labels = "%b:%d",
                    date_breaks = "1 day") +
   theme_minimal() +
   theme(axis.text.x = element_text(angle = 45, hjust = 1))
```

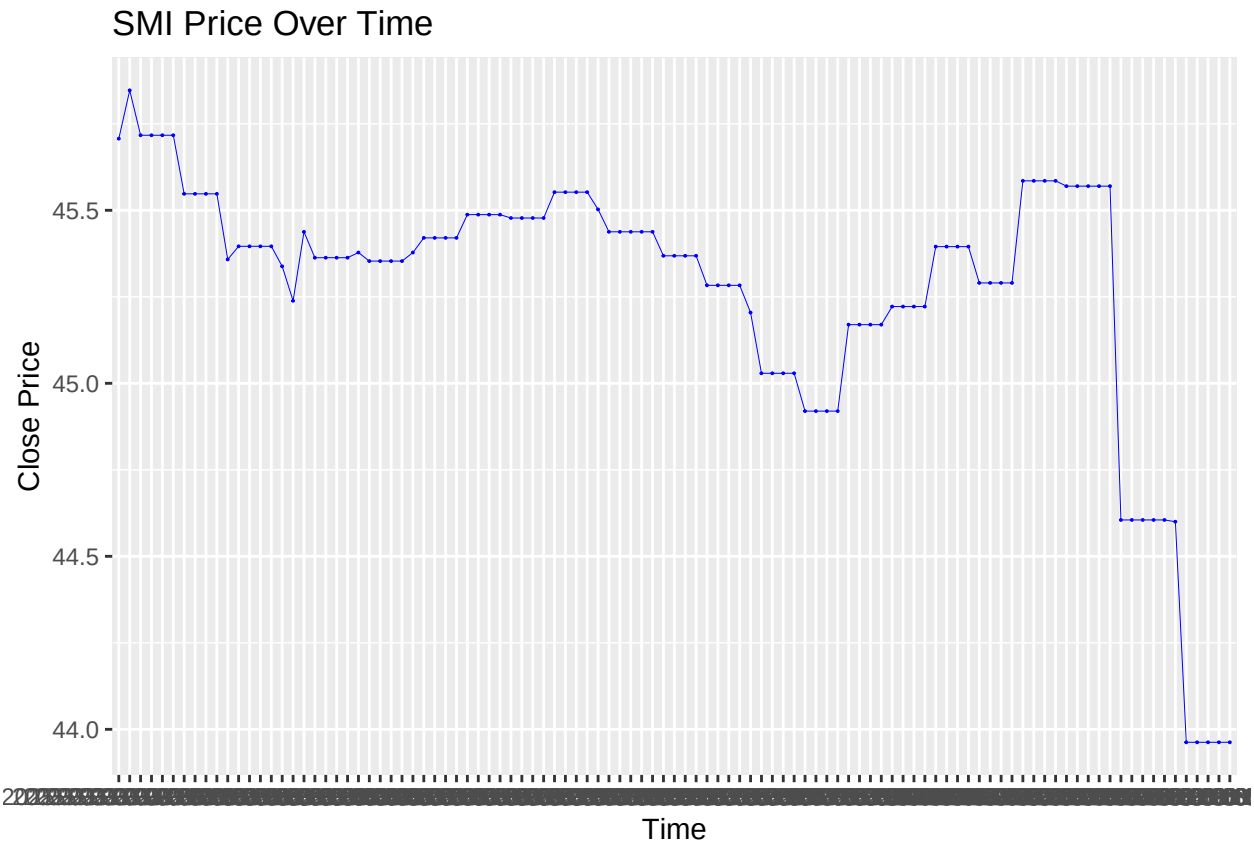



```
#ONEQ
ggplot(raw_ONEQ, aes(x = timestamp, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1), color="blue", linewidth=0.05) +
  labs(title = "ONEQ Price Over Time",
       x = "Time",
       y = "Close Price")
```

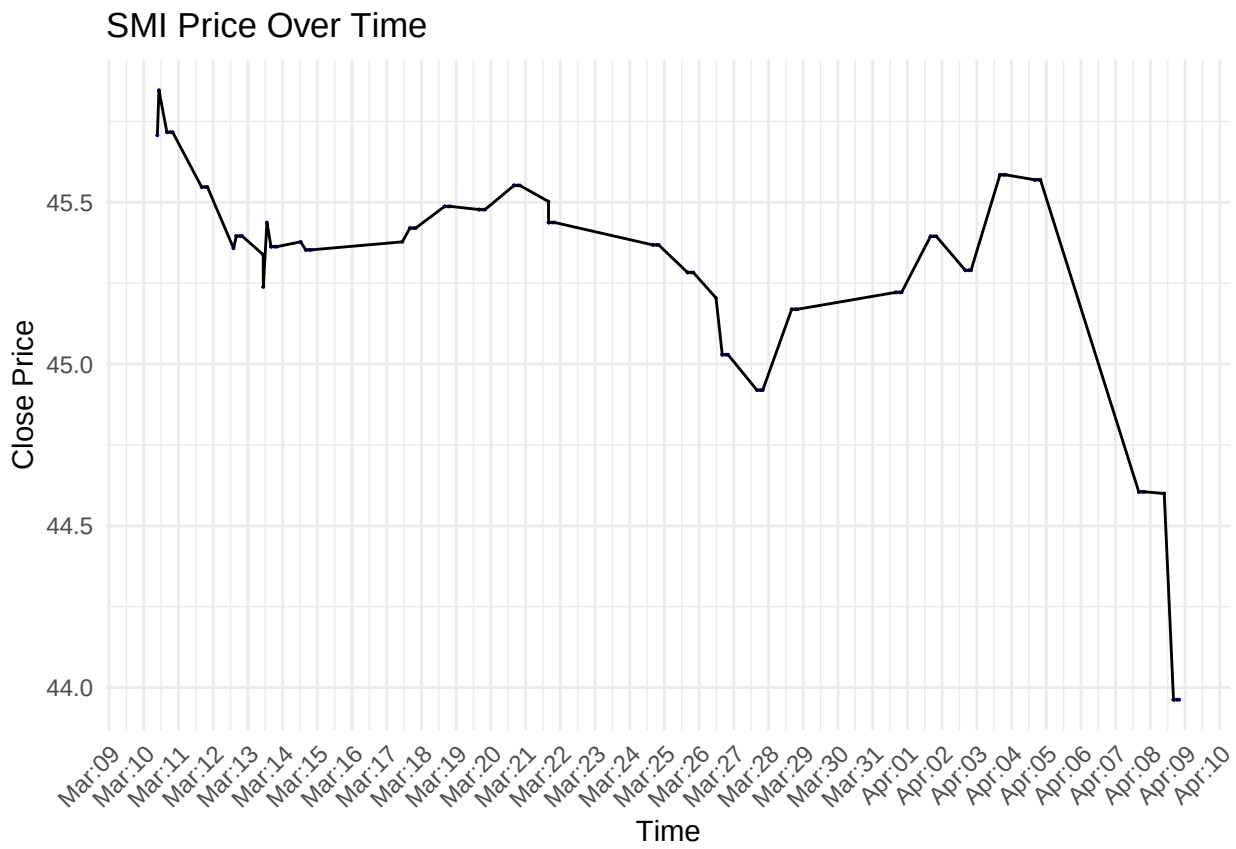



```
ONEQ_times = as.POSIXct(raw_ONEQ$timestamp, format = "%Y-%m-%d %H:%M:%S", tz = "UTC")
#ONEQ correct dates?
ggplot(raw_ONEQ, aes(x = ONEQ_times, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1)) +
  labs(title = "ONEQ Price Over Time",
       x = "Time",
       y = "Close Price") +
   scale_x_datetime(date_labels = "%b:%d",
                    date_breaks = "1 day") +
   theme_minimal() +
   theme(axis.text.x = element_text(angle = 45, hjust = 1))
```

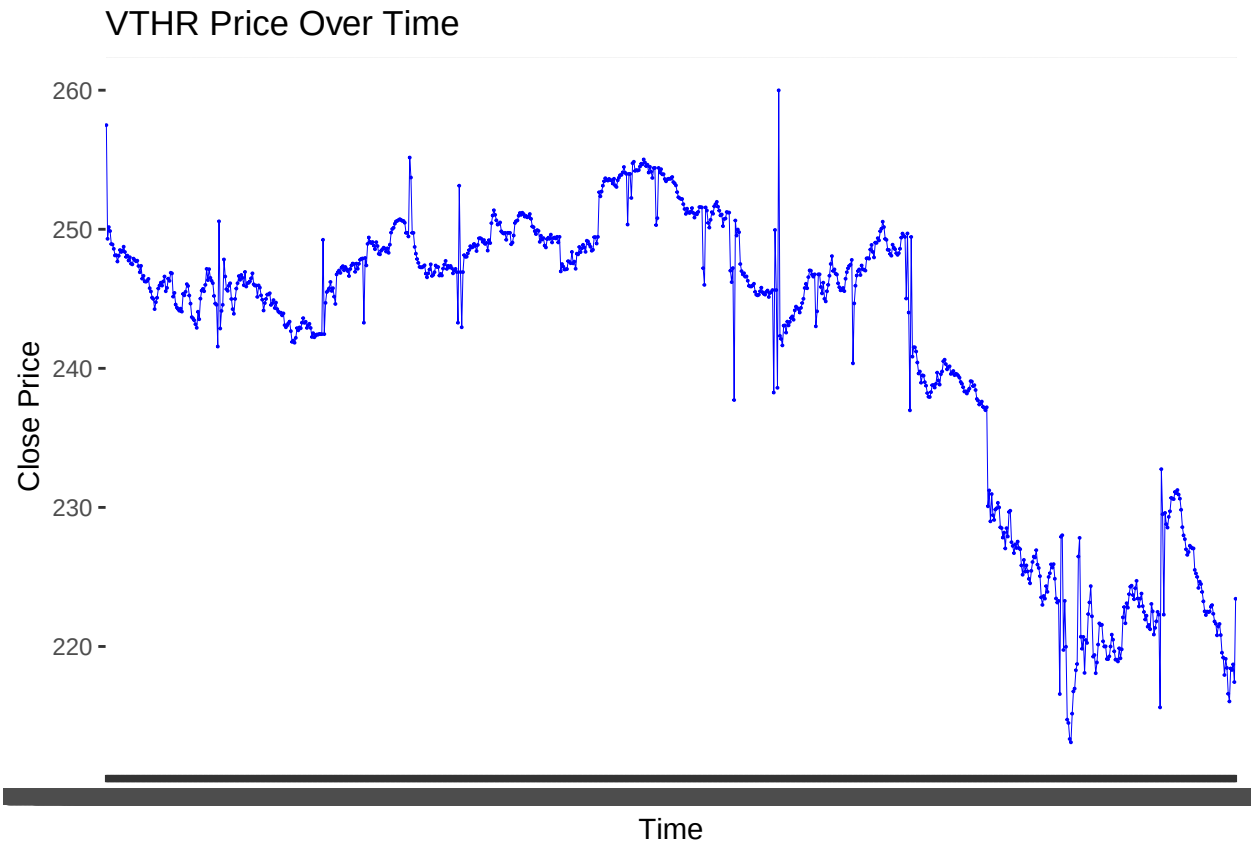

```
#SMI
ggplot(raw_SMI, aes(x = timestamp, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1), color="blue", linewidth=0.05) +
  labs(title = "SMI Price Over Time",
       x = "Time",
       y = "Close Price")
```




```
SMI_times = as.POSIXct(raw_SMI$timestamp, format = "%Y-%m-%d %H:%M:%S", tz = "UTC")
#SMI correct dates?
ggplot(raw_SMI, aes(x = SMI_times, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1)) +
  labs(title = "SMI Price Over Time",
       x = "Time",
       y = "Close Price") +
   scale_x_datetime(date_labels = "%b:%d",
                    date_breaks = "1 day") +
   theme_minimal() +
   theme(axis.text.x = element_text(angle = 45, hjust = 1))
```

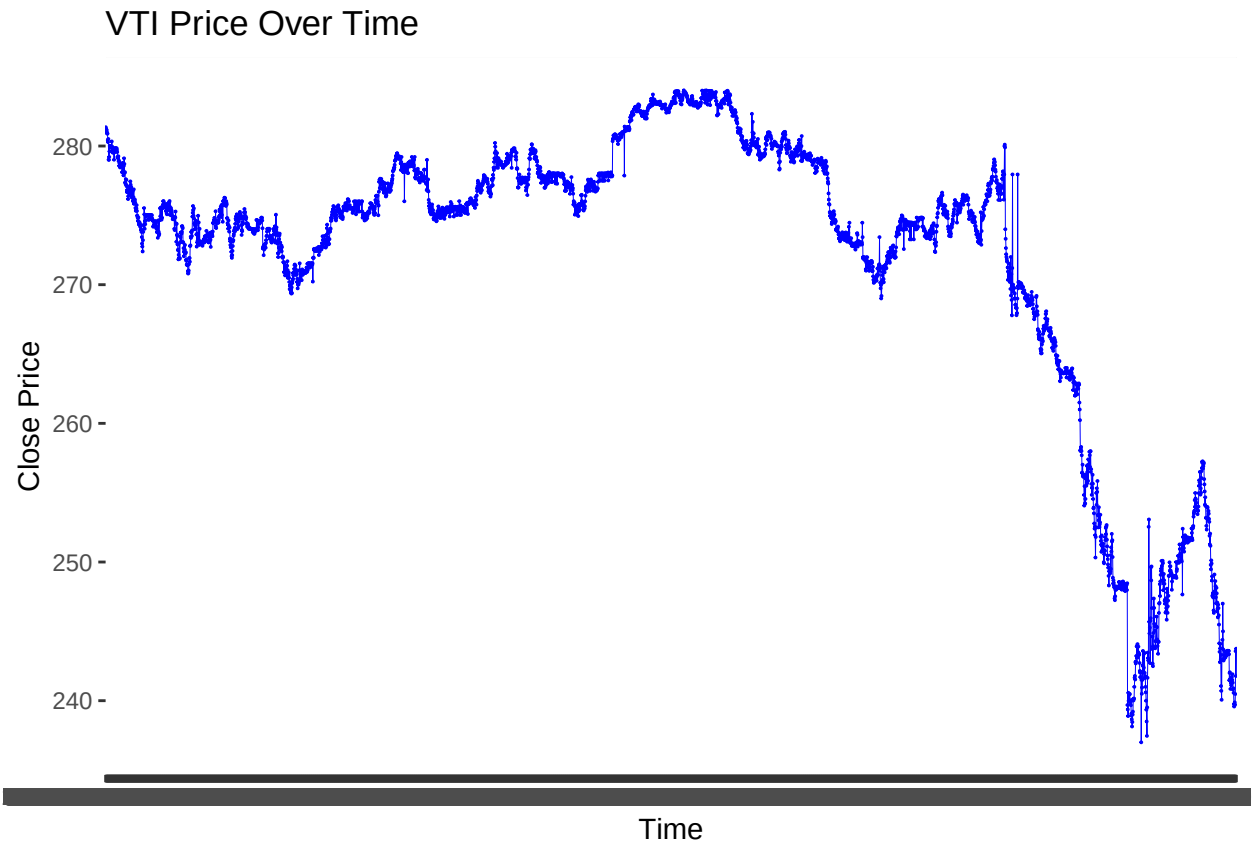



```
#VTHR
ggplot(raw_VTHR, aes(x = timestamp, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1), color="blue", linewidth=0.05) +
  labs(title = "VTHR Price Over Time",
       x = "Time",
       y = "Close Price")
```

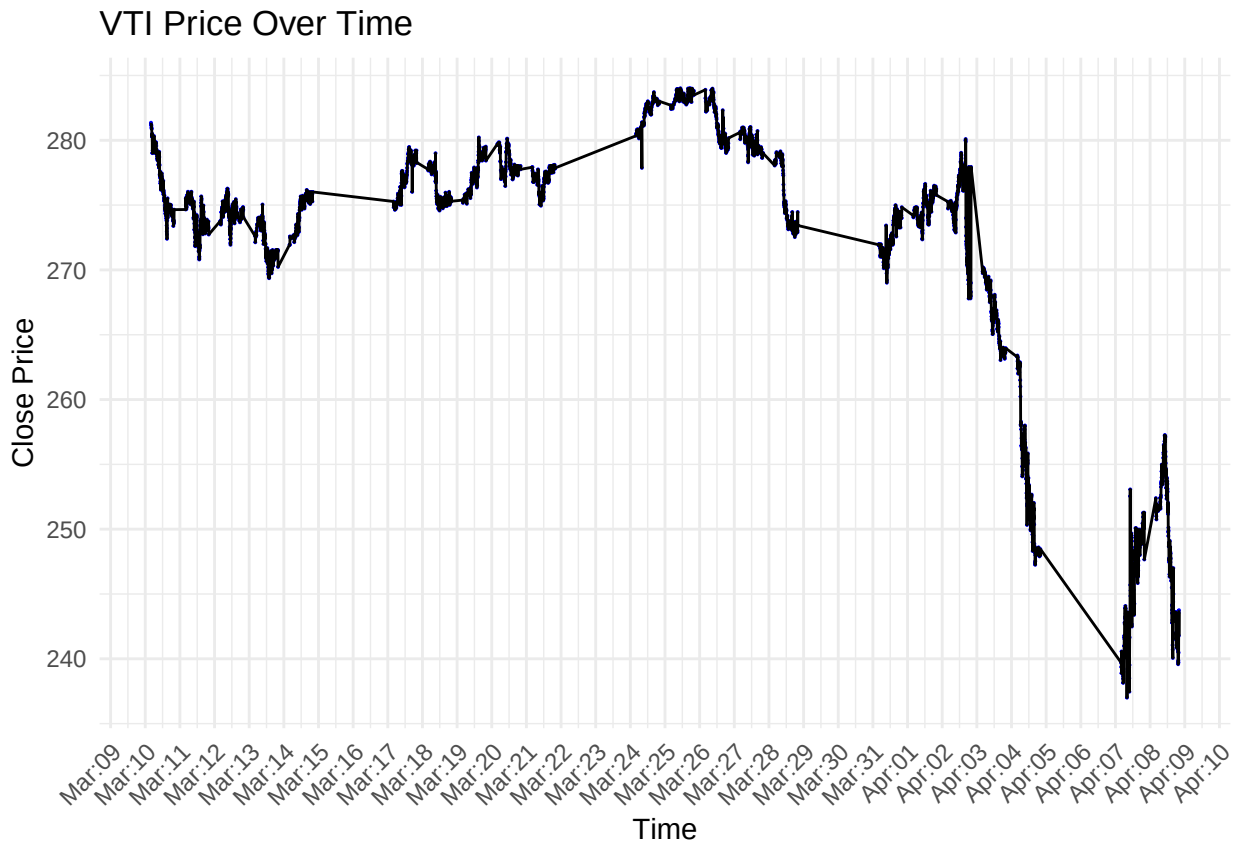



```
VTHR_times = as.POSIXct(raw_VTHR$timestamp, format = "%Y-%m-%d %H:%M:%S", tz = "UTC")
#VTHR correct dates?
ggplot(raw_VTHR, aes(x = VTHR_times, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1)) +
  labs(title = "VTHR Price Over Time",
       x = "Time",
       y = "Close Price") +
   scale_x_datetime(date_labels = "%b:%d",
                    date_breaks = "1 day") +
   theme_minimal() +
   theme(axis.text.x = element_text(angle = 45, hjust = 1))
```


```r
#VTI
ggplot(raw_VTI, aes(x = timestamp, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1), color="blue", linewidth=0.05) +
  labs(title = "VTI Price Over Time",
       x = "Time",
       y = "Close Price")
```




```
VTI_times = as.POSIXct(raw_VTI$timestamp, format = "%Y-%m-%d %H:%M:%S", tz = "UTC")
#VTI correct dates?
ggplot(raw_VTI, aes(x = VTI_times, y = close)) +
  geom_point(color = "blue", size = 0.01) +
  geom_line(aes(group=1)) +
  labs(title = "VTI Price Over Time",
       x = "Time",
       y = "Close Price") +
   scale_x_datetime(date_labels = "%b:%d",
                    date_breaks = "1 day") +
   theme_minimal() +
   theme(axis.text.x = element_text(angle = 45, hjust = 1))
```


VTI Price Over Time
Close Price
280
270
260
250
240
Mar:09
Mar:10
Mar:11
Mar:12
Mar:13
Mar:14
Mar:15
Mar:16
Mar:17
Mar:18
Mar:19
Mar:20
Mar:21
Mar:22
Mar:23
Mar:24
Mar:25
Mar:26
Mar:27
Mar:28
Mar:29
Mar:30
Mar:31
Apr:01
Apr:02
Apr:03
Apr:04
Apr:05
Apr:06
Apr:07
Apr:08
Apr:09
Apr:10
Time