Stock Analysis

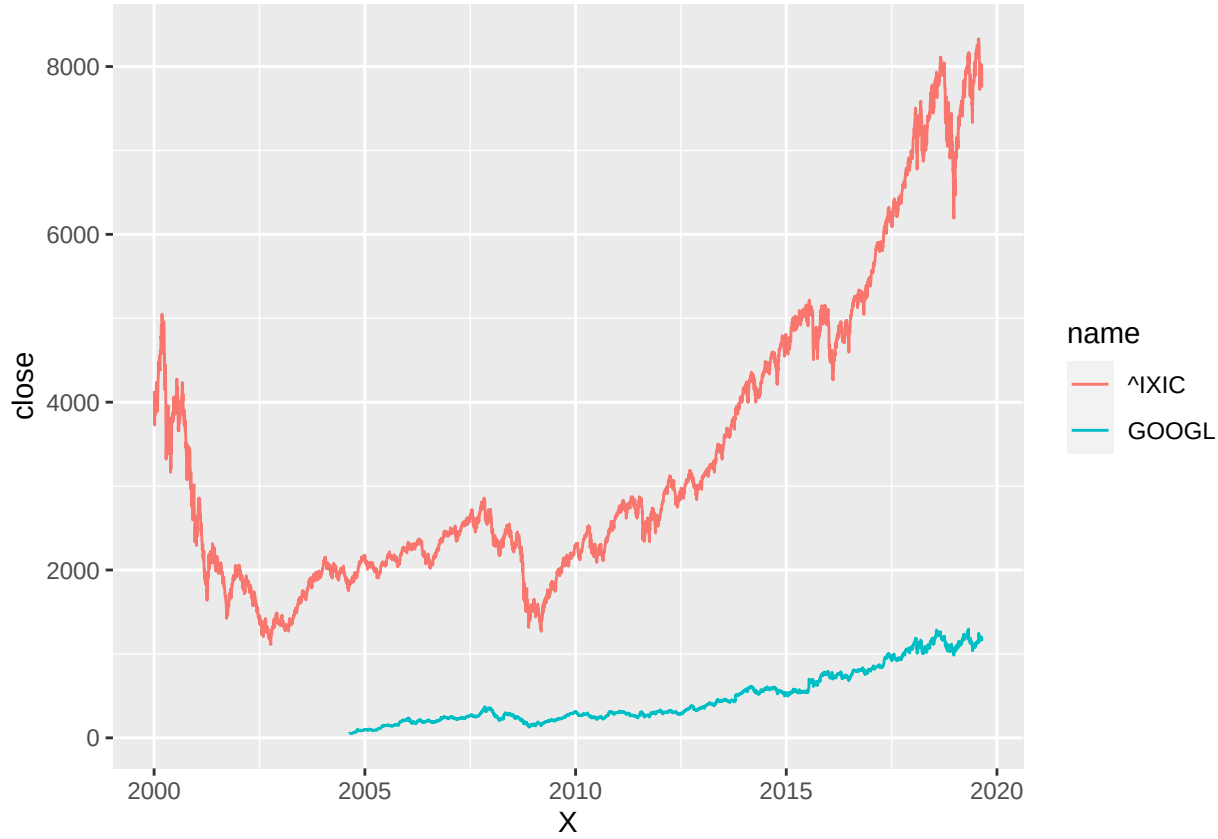
```
library(ggplot2)

stocks = read.csv('./big_five_stocks.csv')

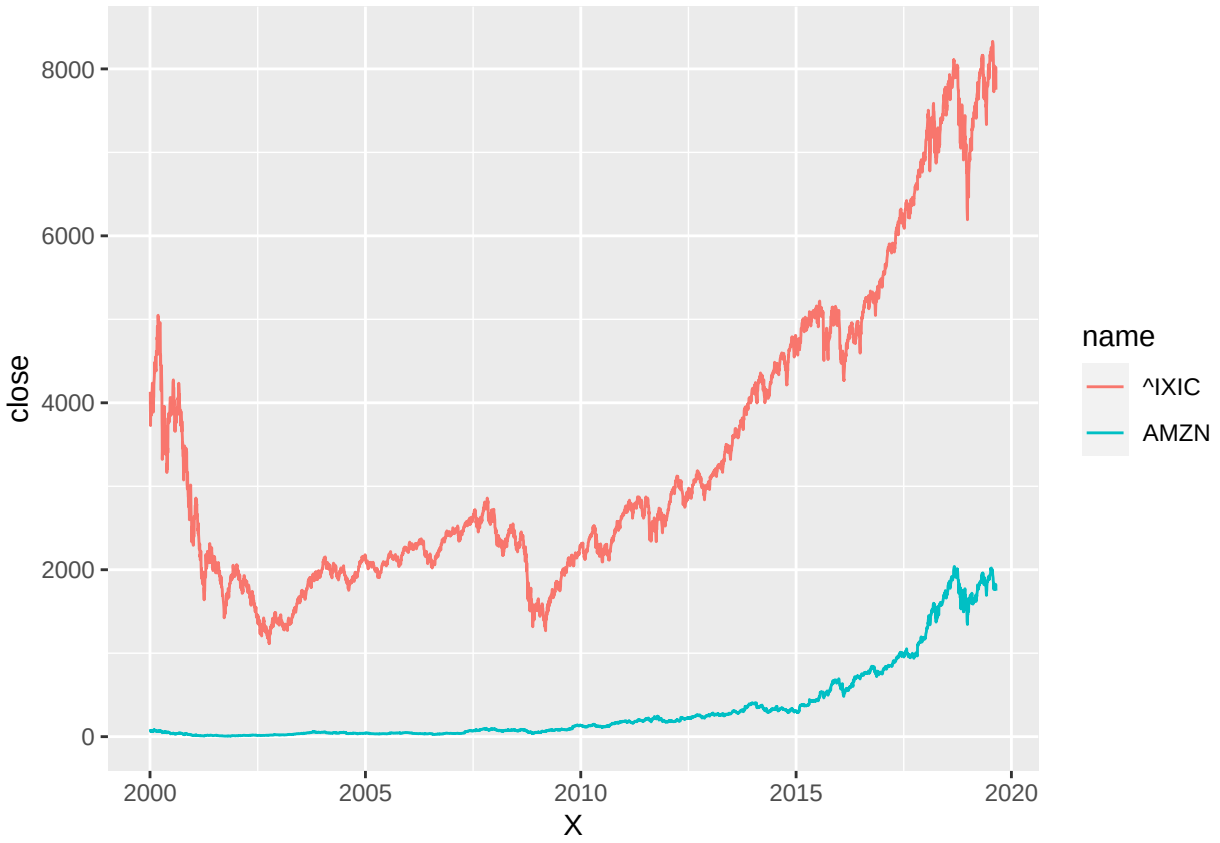
stocks$X = as.POSIXct(stocks$X)
stocks = stocks[stocks$X >= as.POSIXct("2000-01-01"),]
View(stocks)
```

```
Google = stocks[stocks$name=="GOOGL",]
Amazon = stocks[stocks$name=="AMZN",]
Facebook = stocks[stocks$name=="FB",]
Microsoft = stocks[stocks$name=="MSFT",]
Apple = stocks[stocks$name=="AAPL",]
Index = stocks[stocks$name=="^IXIC",]
```

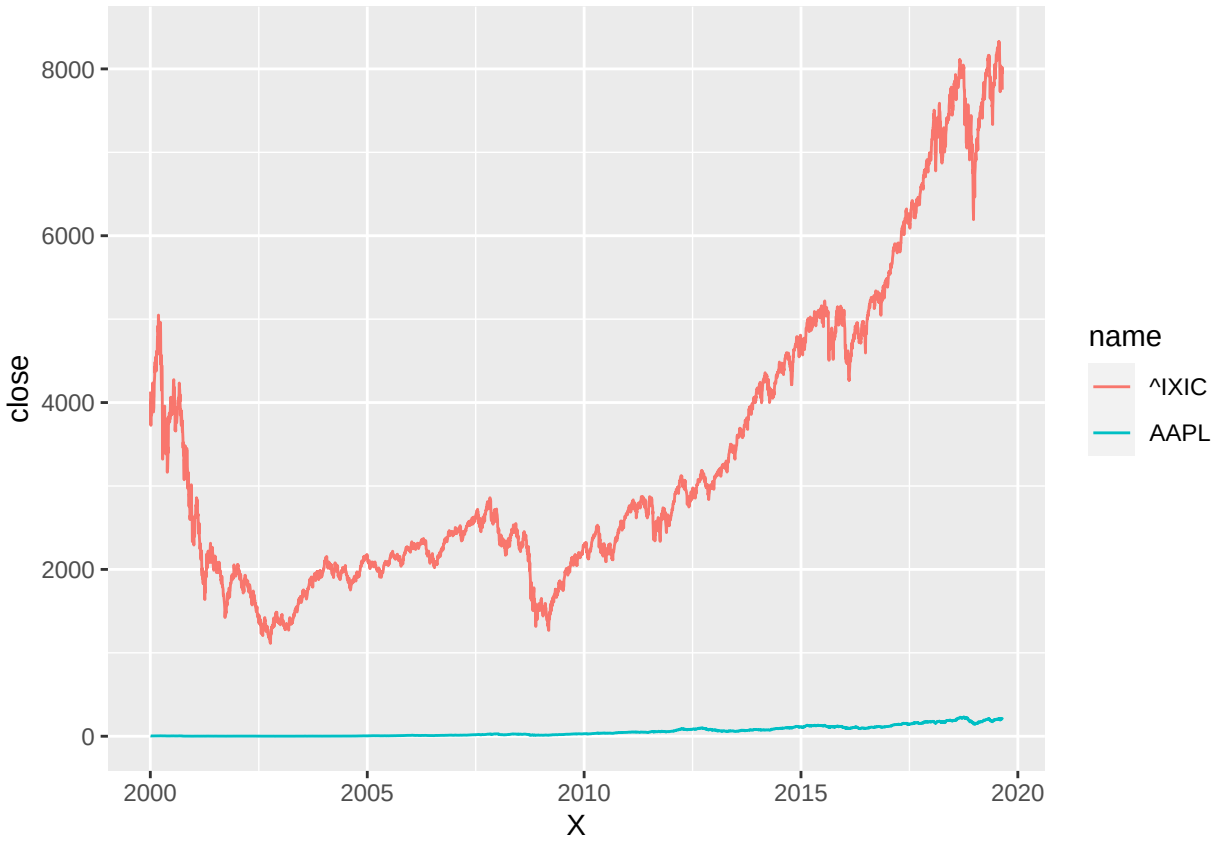
```
# ggplot(data = stocks, aes(x=X, y=close, group=name, color = name))+geom_line()
ggplot(data = rbind(Google,Index), aes(x=X, y=close, group=name, color = name))+geom_line()
```



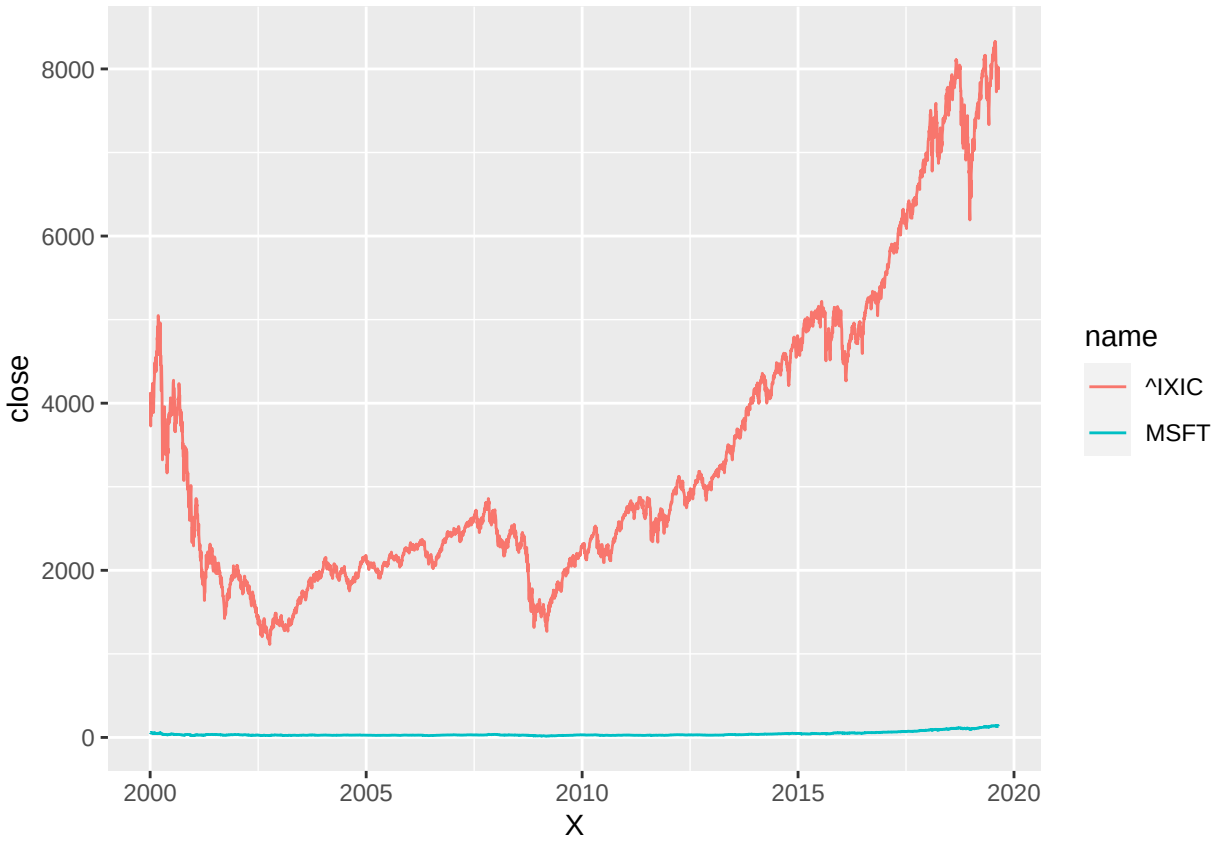

```
ggplot(data = rbind(Amazon,Index), aes(x=X, y=close, group=name, color = name))+geom_line()
```



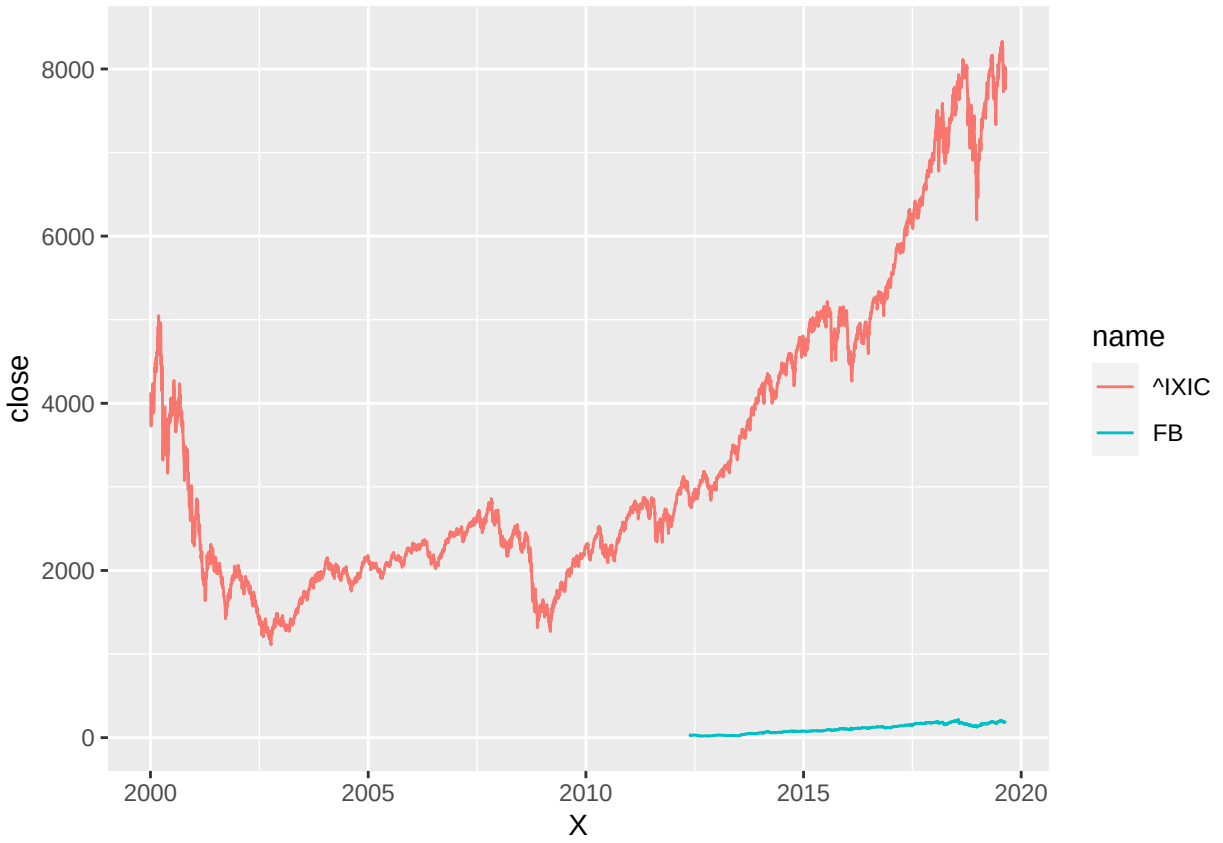

```
ggplot(data = rbind(Apple,Index), aes(x=X, y=close, group=name, color = name))+geom_line()
```



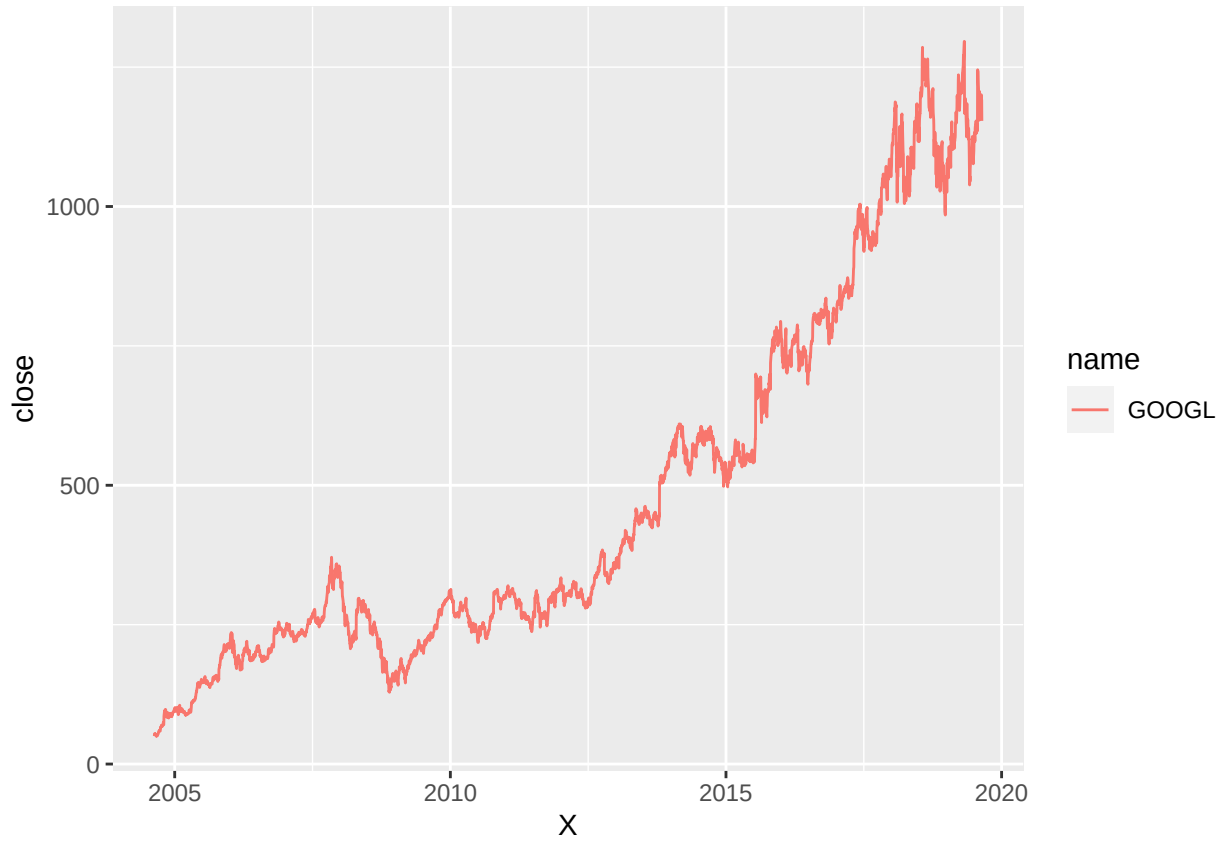

```
ggplot(data = rbind(Microsoft,Index), aes(x=X, y=close, group=name, color = name))+geom_line()
```




```
ggplot(data = rbind(Facebook,Index), aes(x=X, y=close, group=name, color = name))+geom_line()
```




```
ggplot(data = Google, aes(x=X, y=close, group=name, color = name))+geom_line()
```




```
ggplot(data = Amazon, aes(x=X, y=close, group=name, color = name))+geom_line()
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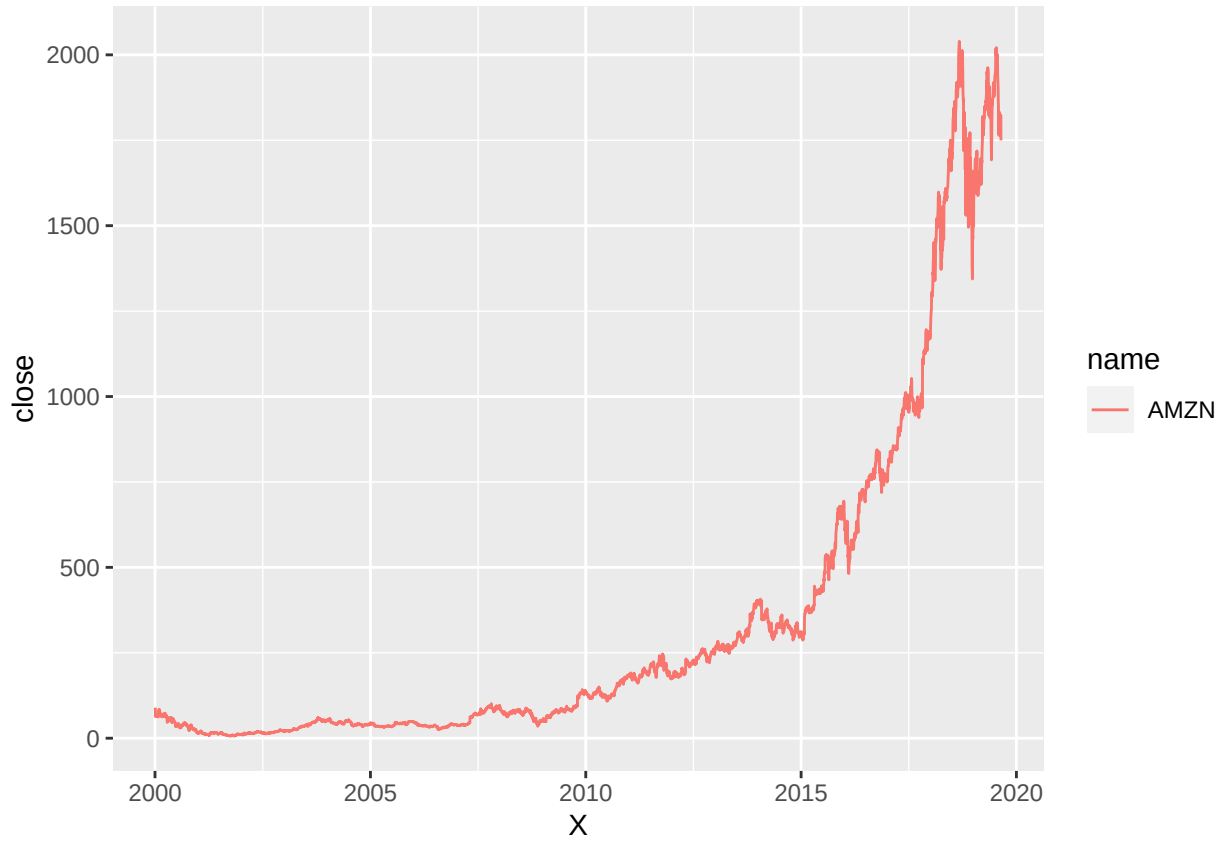


```
ggplot(data = Apple, aes(x=X, y=close, group=name, color = name))+geom_line()
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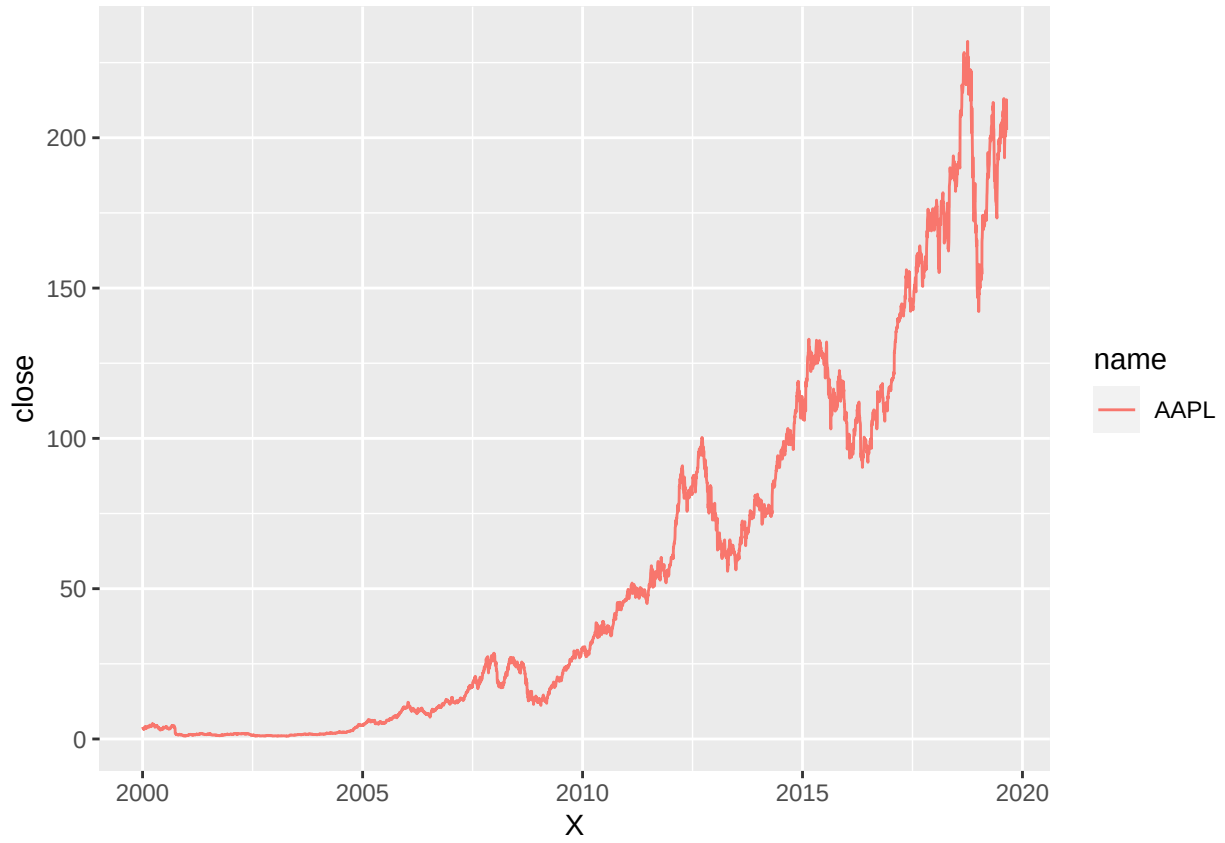


```
ggplot(data = Microsoft, aes(x=X, y=close, group=name, color = name))+geom_line()
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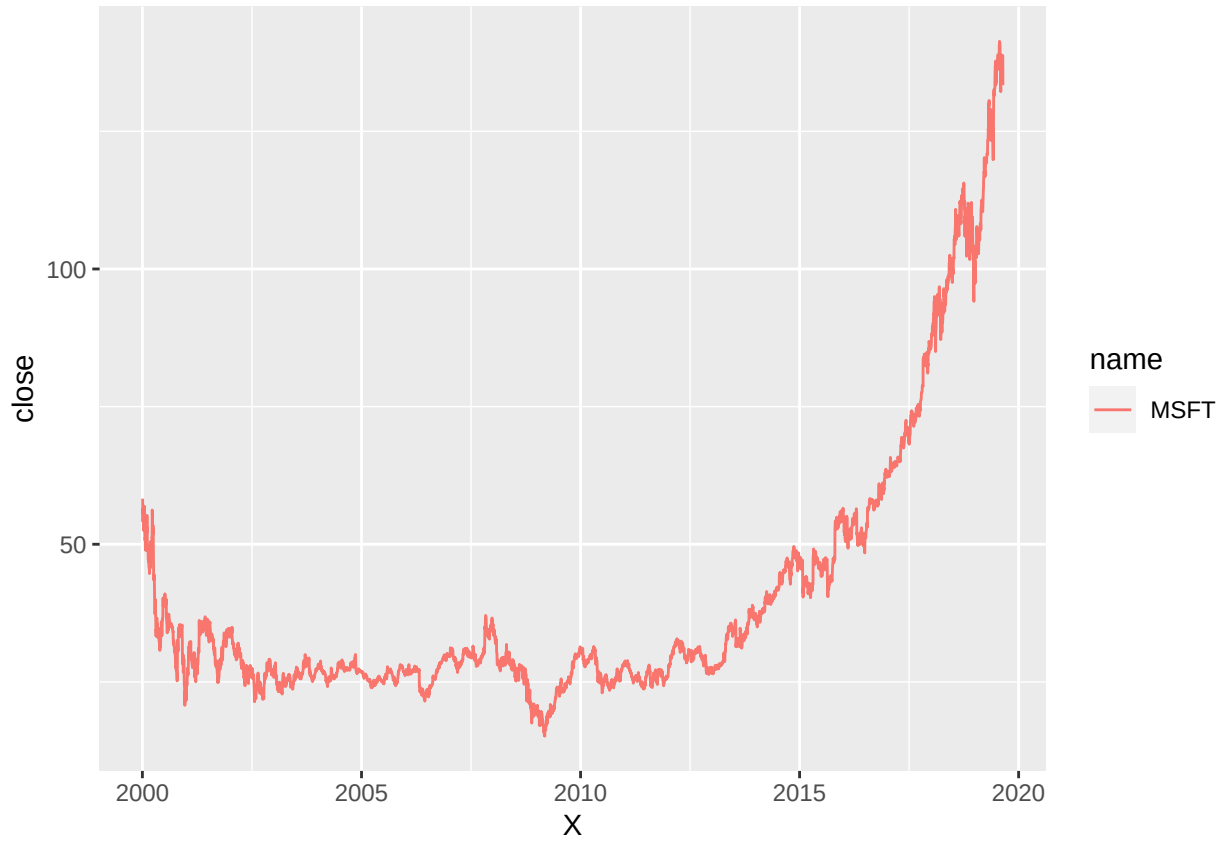
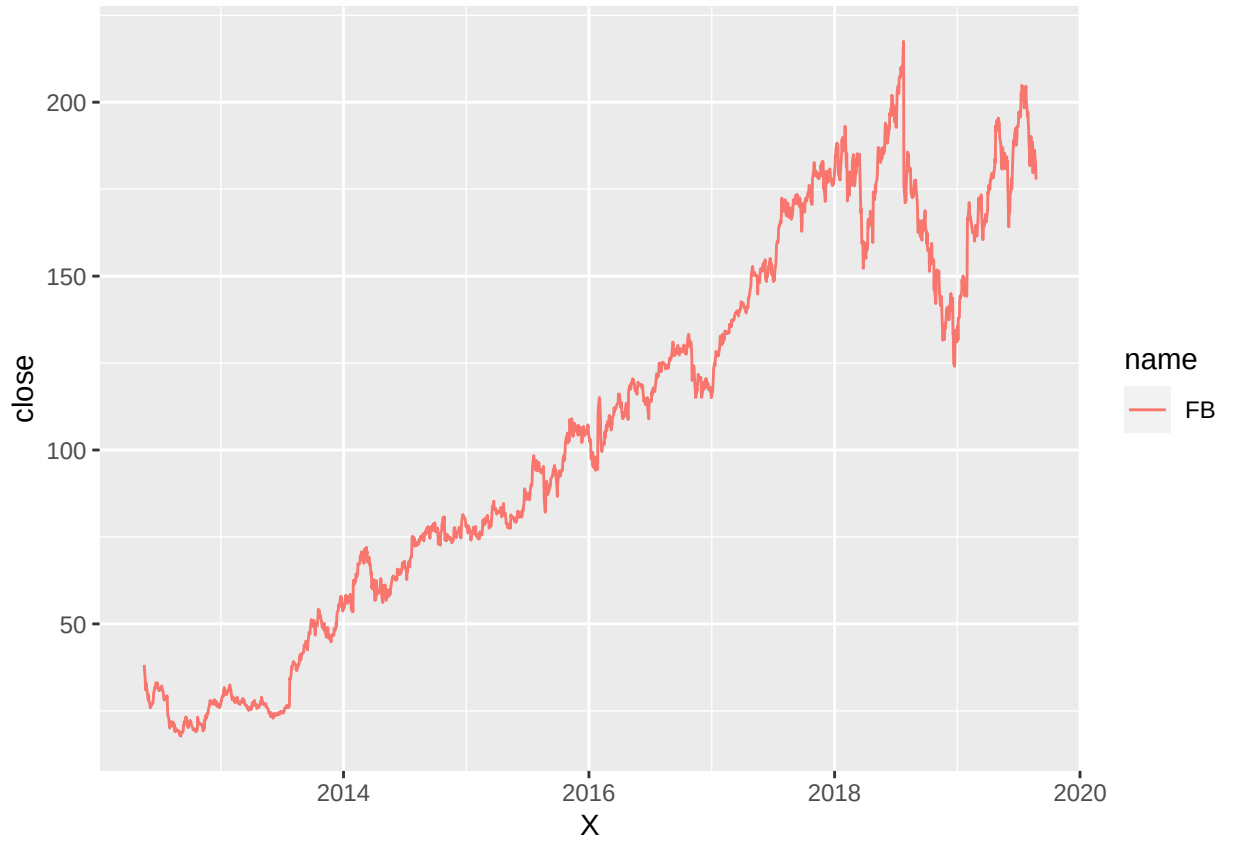
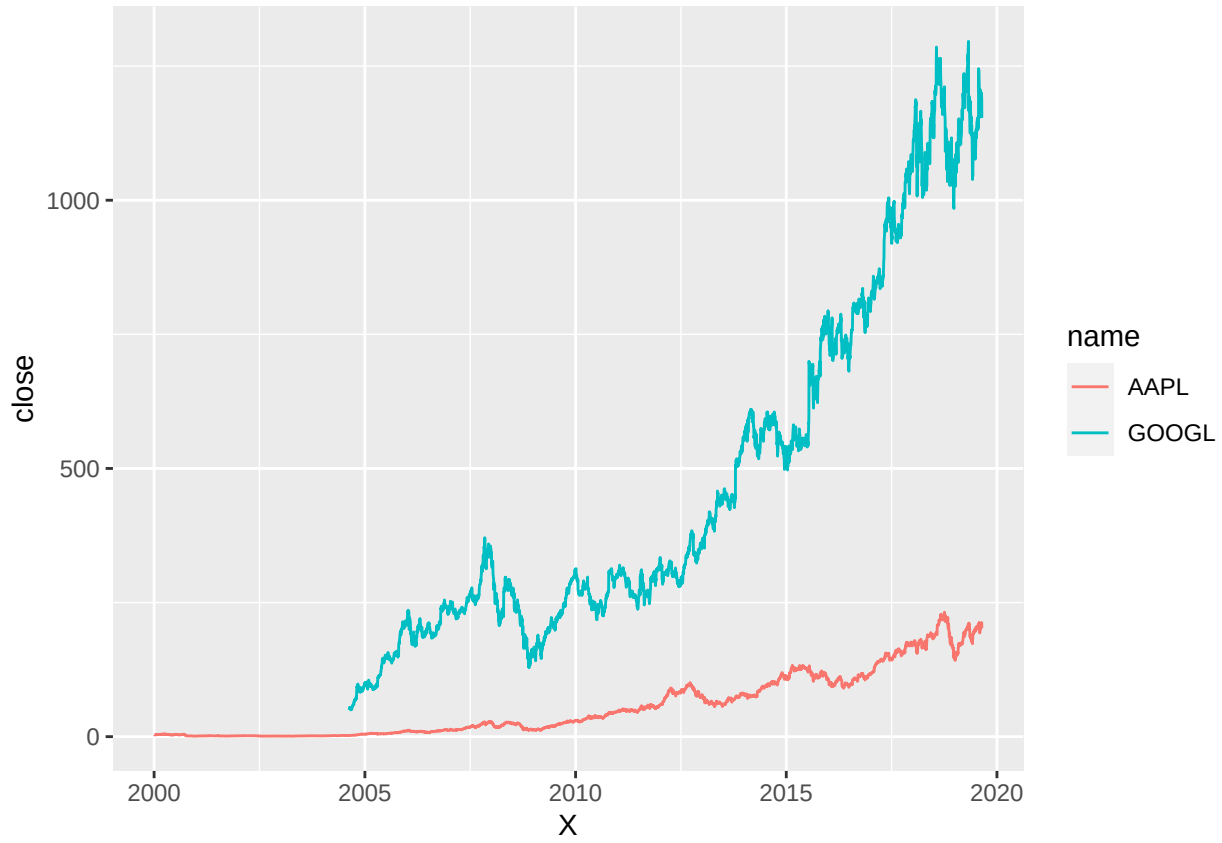


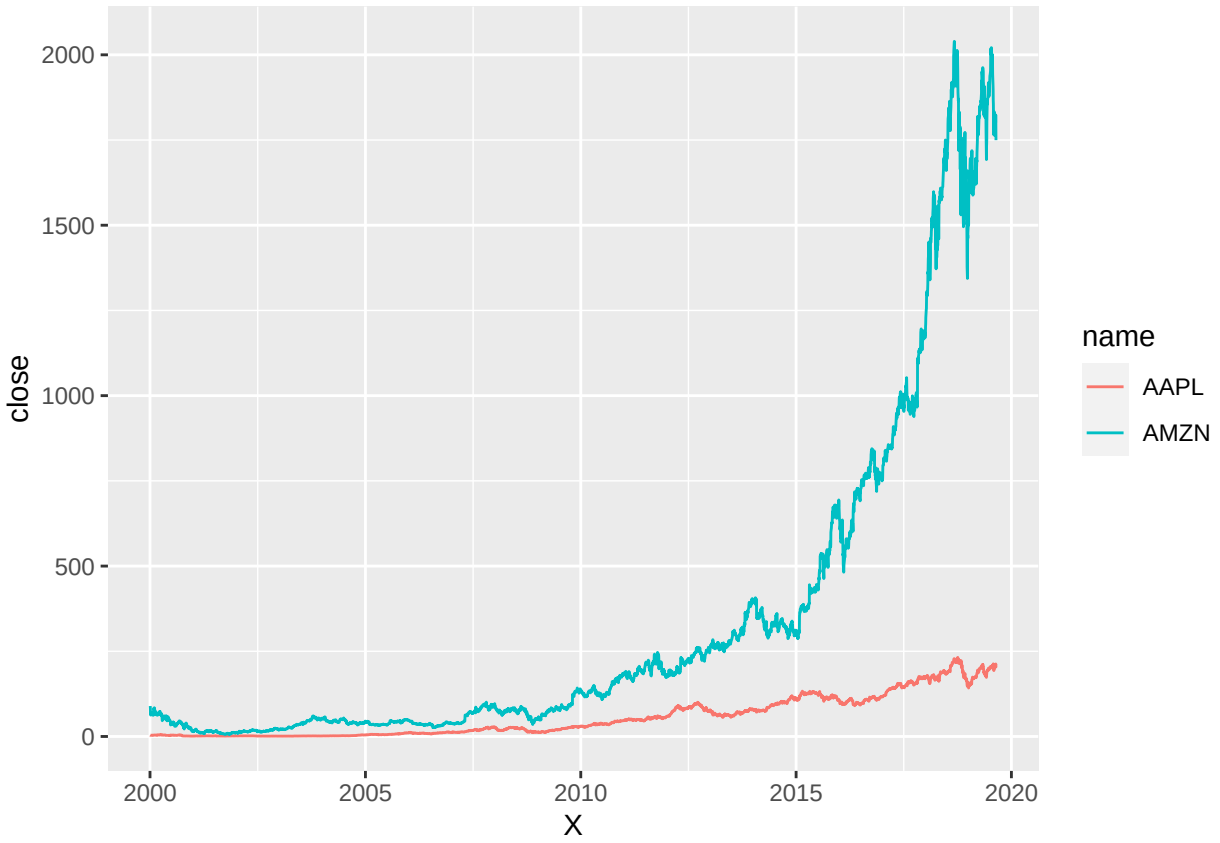

```
ggplot(data = Facebook, aes(x=X, y=close, group=name, color = name))+geom_line()
```



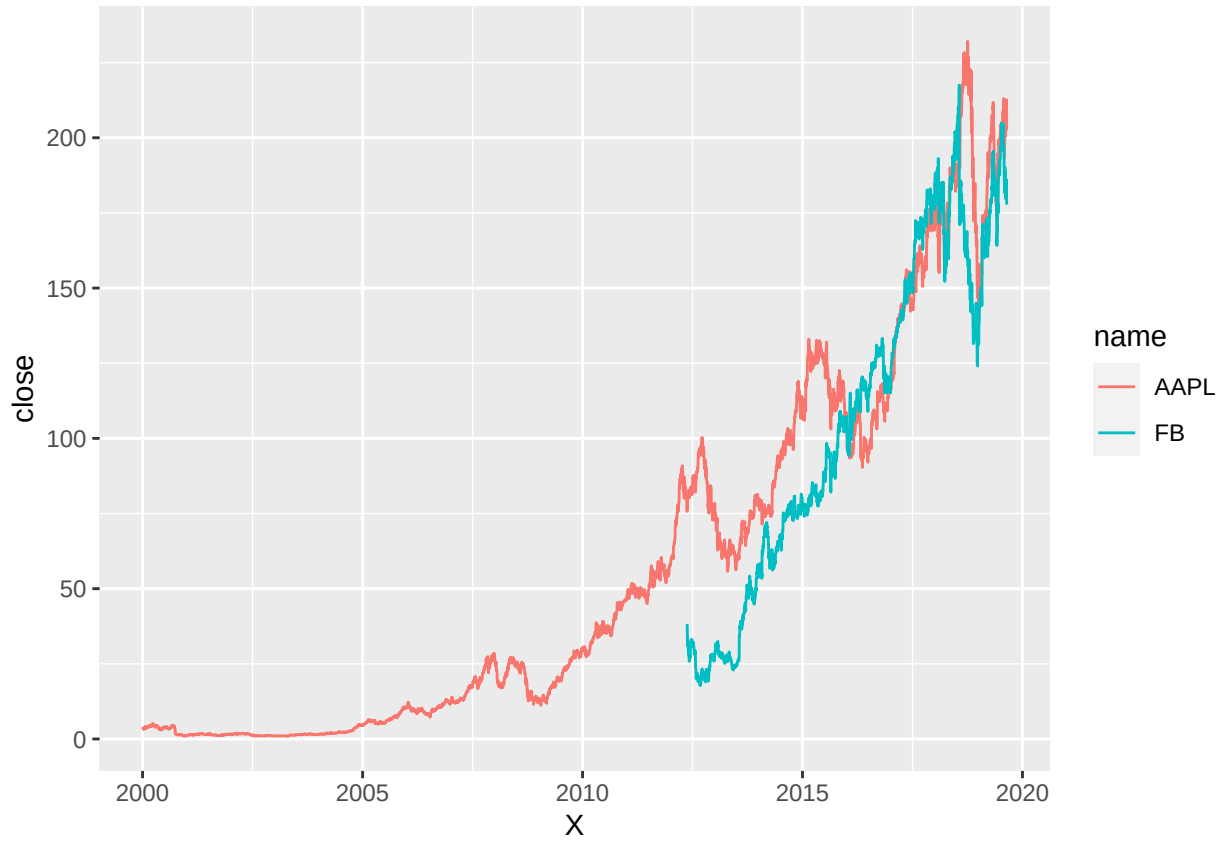

```
ggplot(data = rbind(Apple,Google), aes(x=X, y=close, group=name, color = name))+geom_line()
```



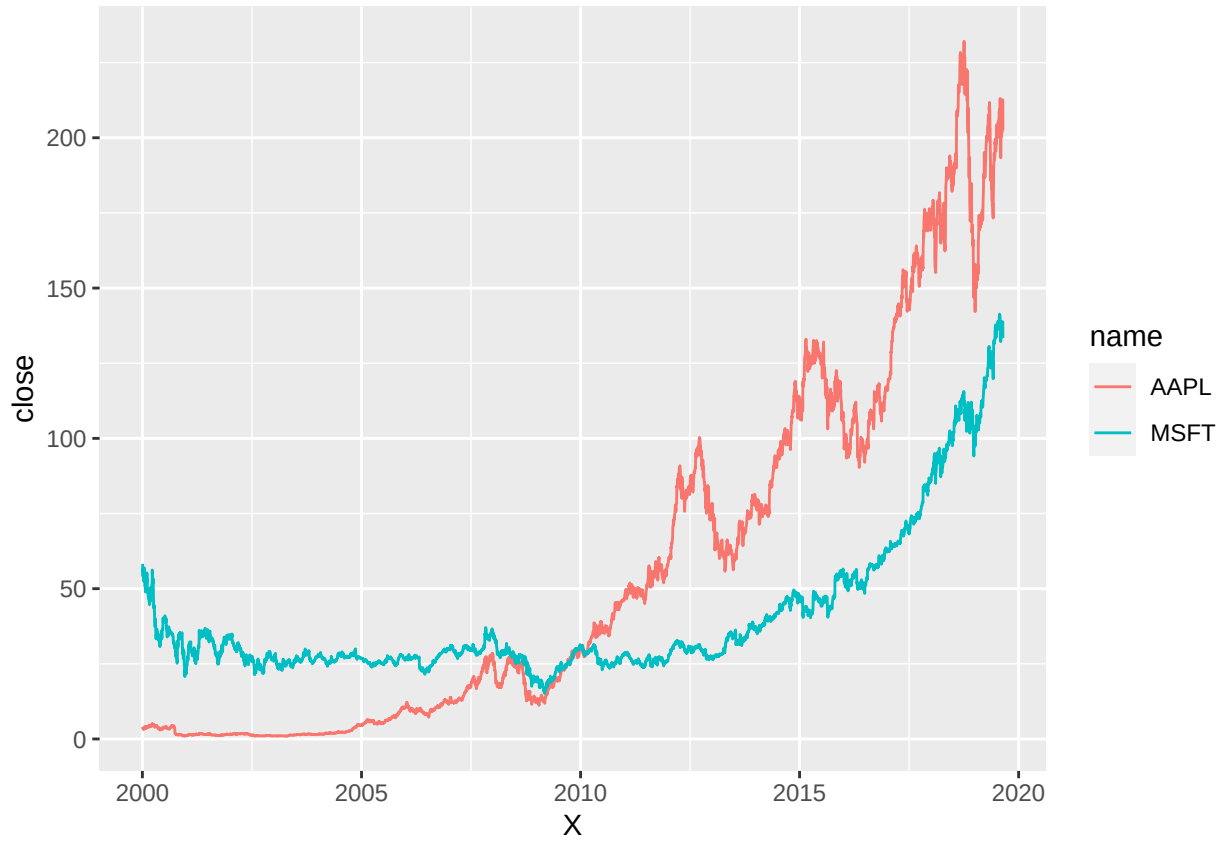

```
ggplot(data = rbind(Apple,Amazon), aes(x=X, y=close, group=name, color = name))+geom_line()
```



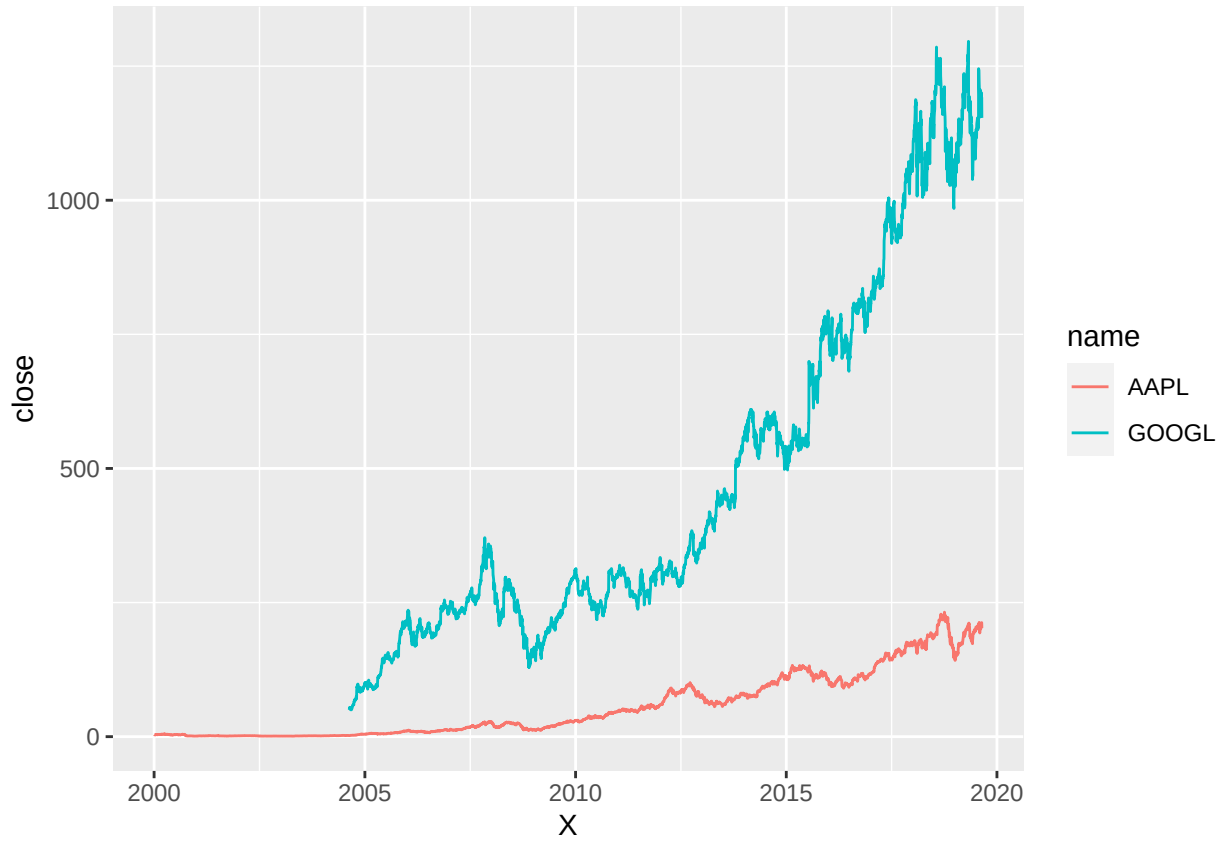

```
ggplot(data = rbind(Apple,Facebook), aes(x=X, y=close, group=name, color = name))+geom_line()
```




```
ggplot(data = rbind(Apple,Microsoft), aes(x=X, y=close, group=name, color = name))+geom_line()
```




```
ggplot(data = rbind(Google,Apple), aes(x=X, y=close, group=name, color = name))+geom_line()
```




```
ggplot(data = rbind(Google,Amazon), aes(x=X, y=close, group=name, color = name))+geom_line()
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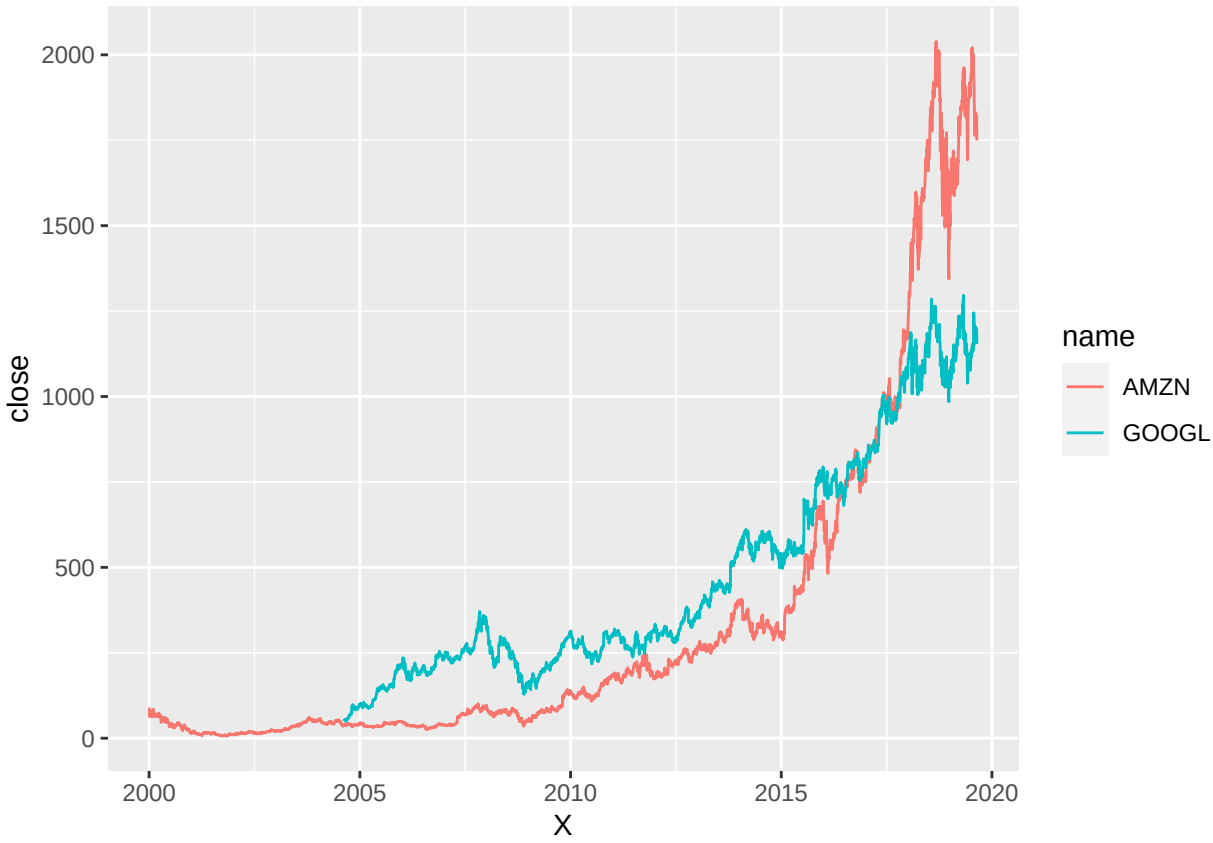


```
ggplot(data = rbind(Google,Facebook), aes(x=X, y=close, group=name, color = name))+geom_line()
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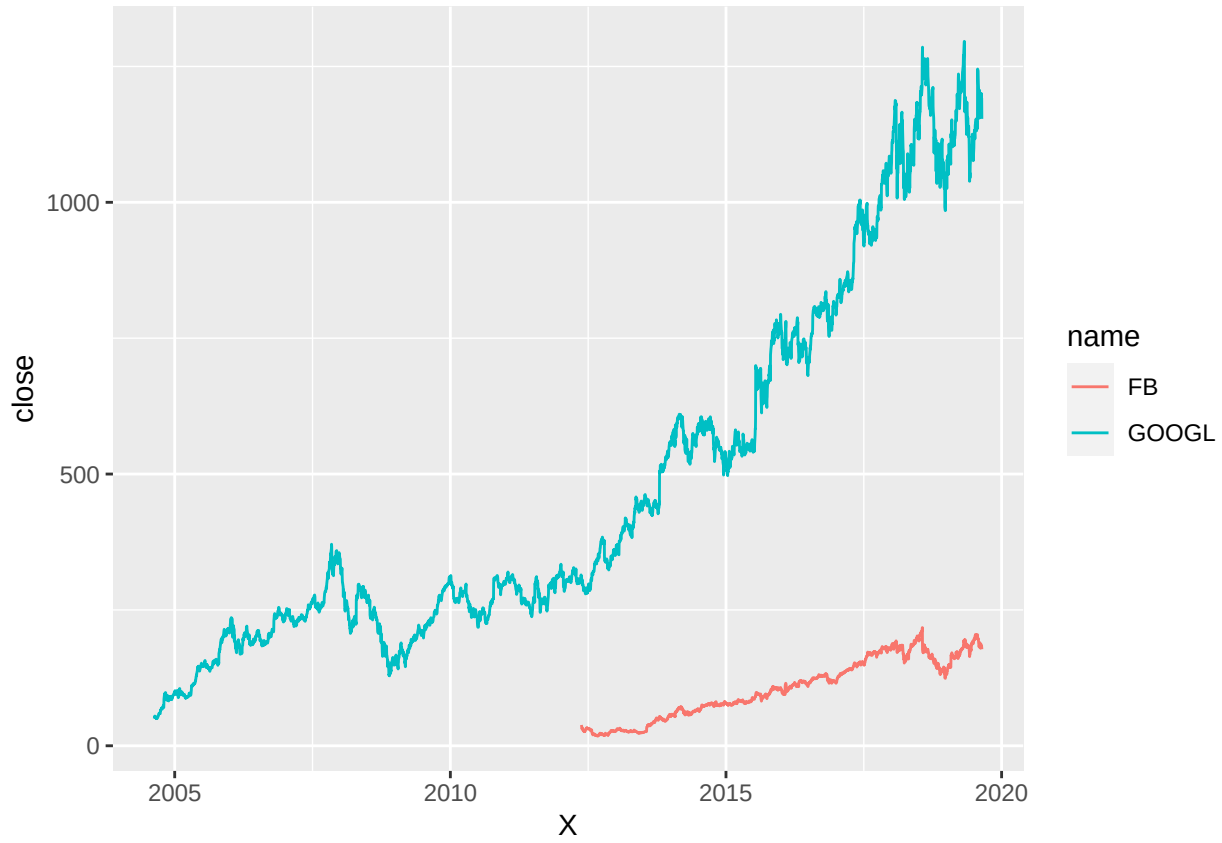


```
ggplot(data = rbind(Google,Microsoft), aes(x=X, y=close, group=name, color = name))+geom_line()
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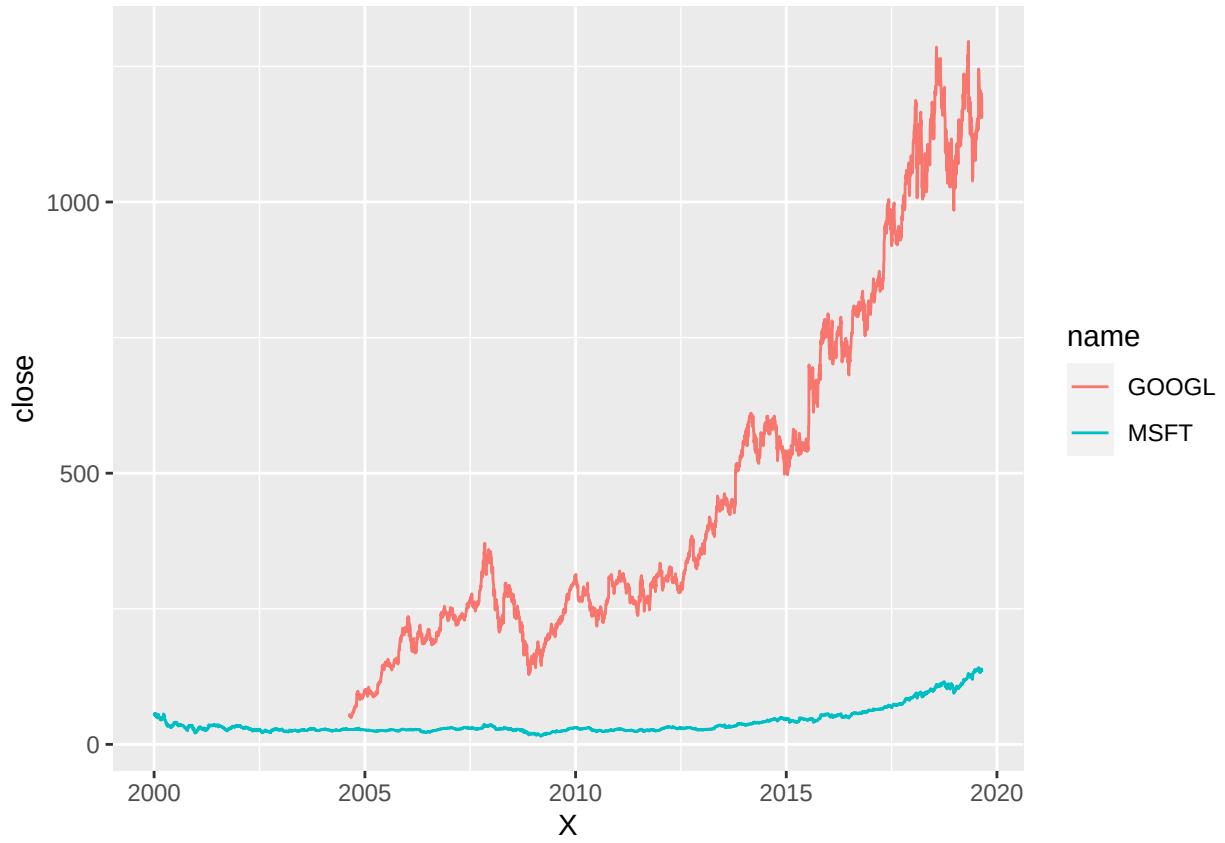


```
ggplot(data = rbind(Amazon,Google), aes(x=X, y=close, group=name, color = name))+geom_line()
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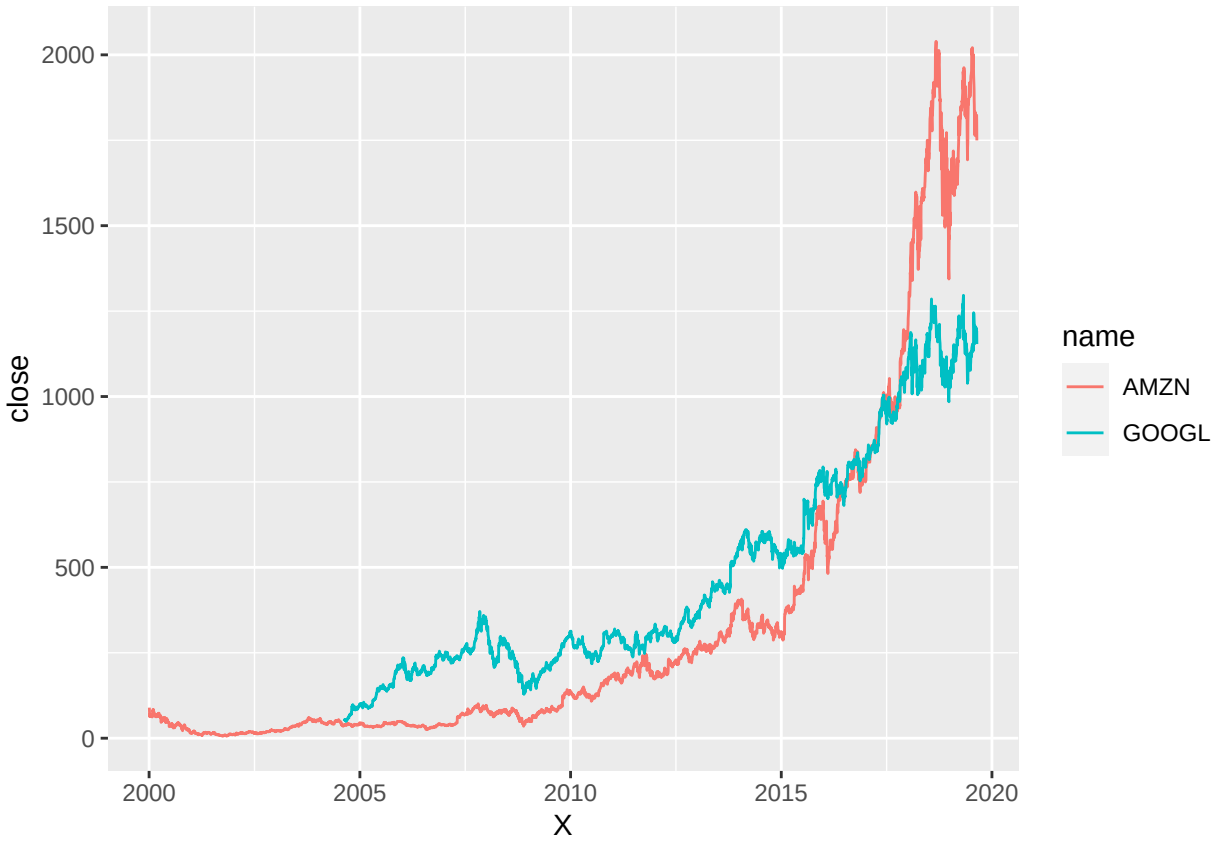


```
ggplot(data = rbind(Amazon,Apple), aes(x=X, y=close, group=name, color = name))+geom_line()
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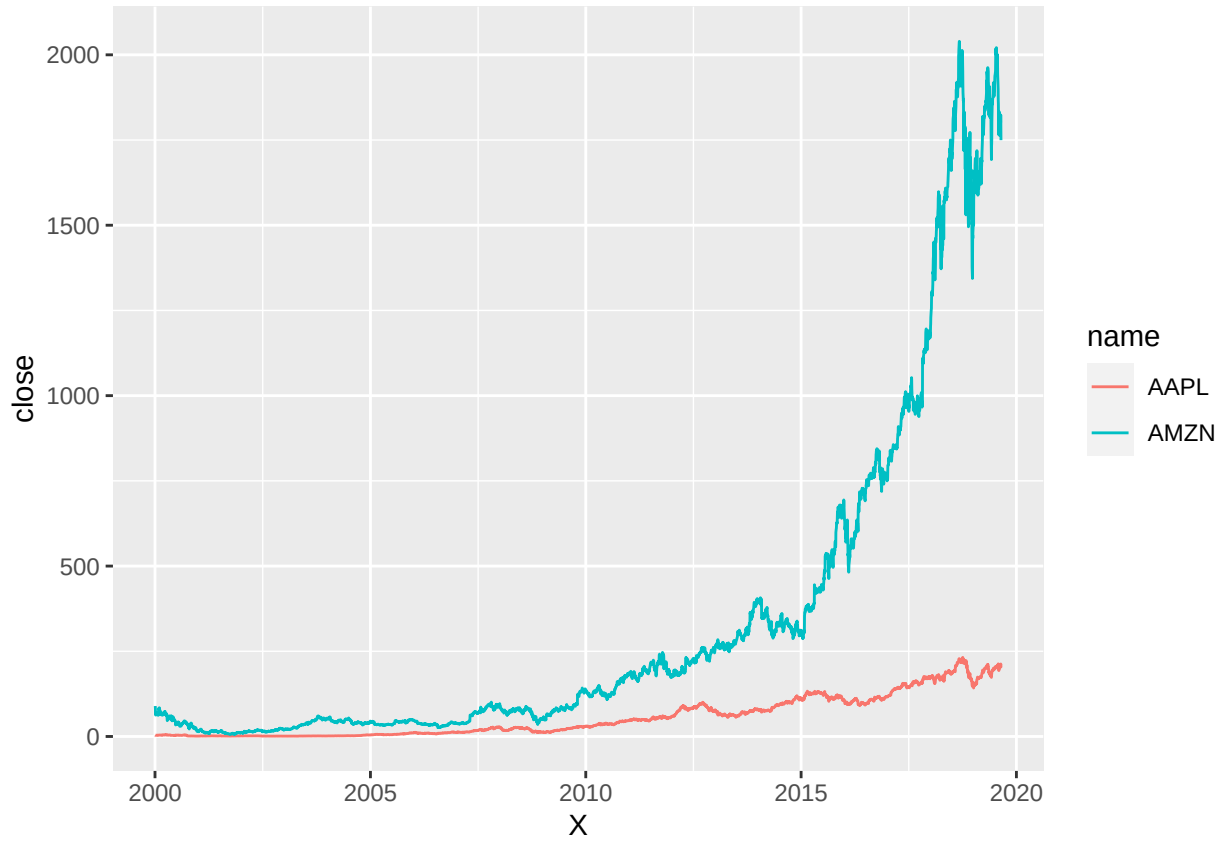


```
ggplot(data = rbind(Amazon,Facebook), aes(x=X, y=close, group=name, color = name))+geom_line()
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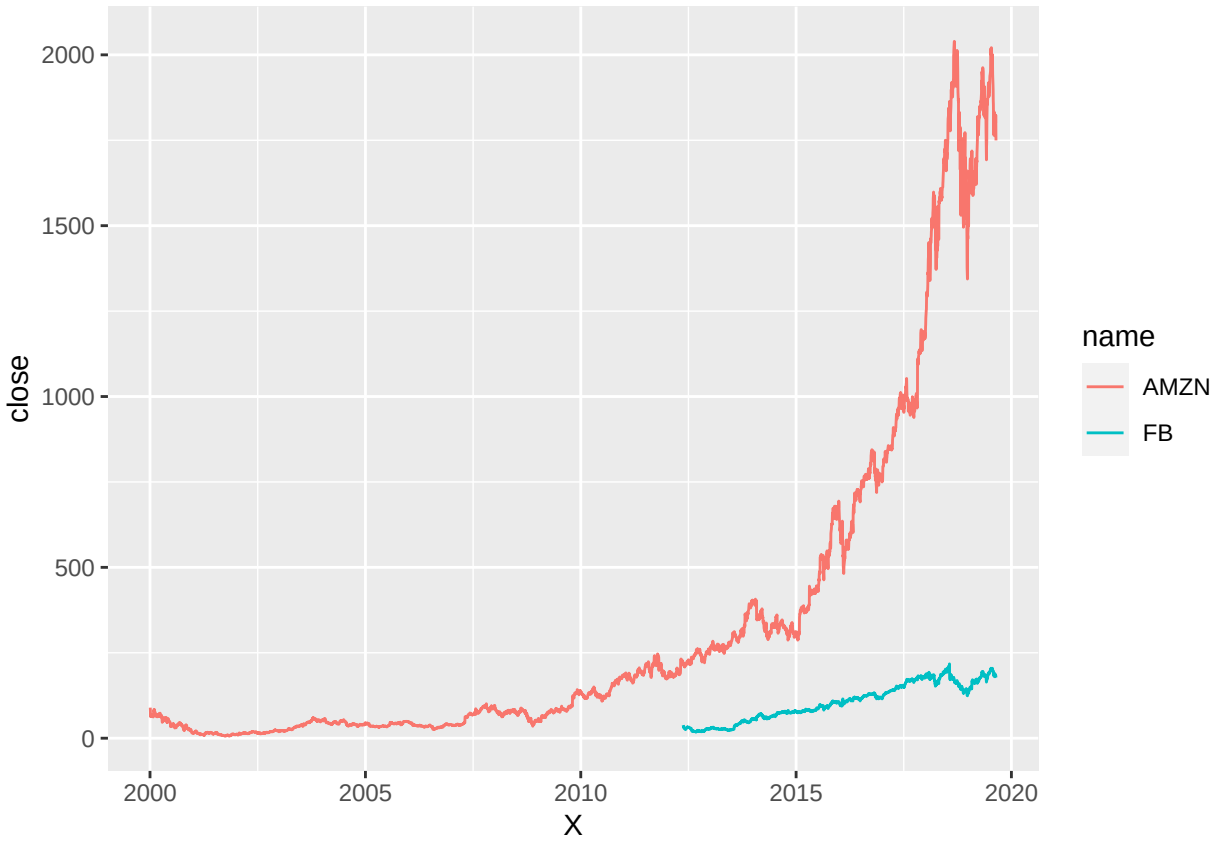


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ggplot(data = rbind(Amazon,Microsoft), aes(x=X, y=close, group=name, color = name))+geom_line()
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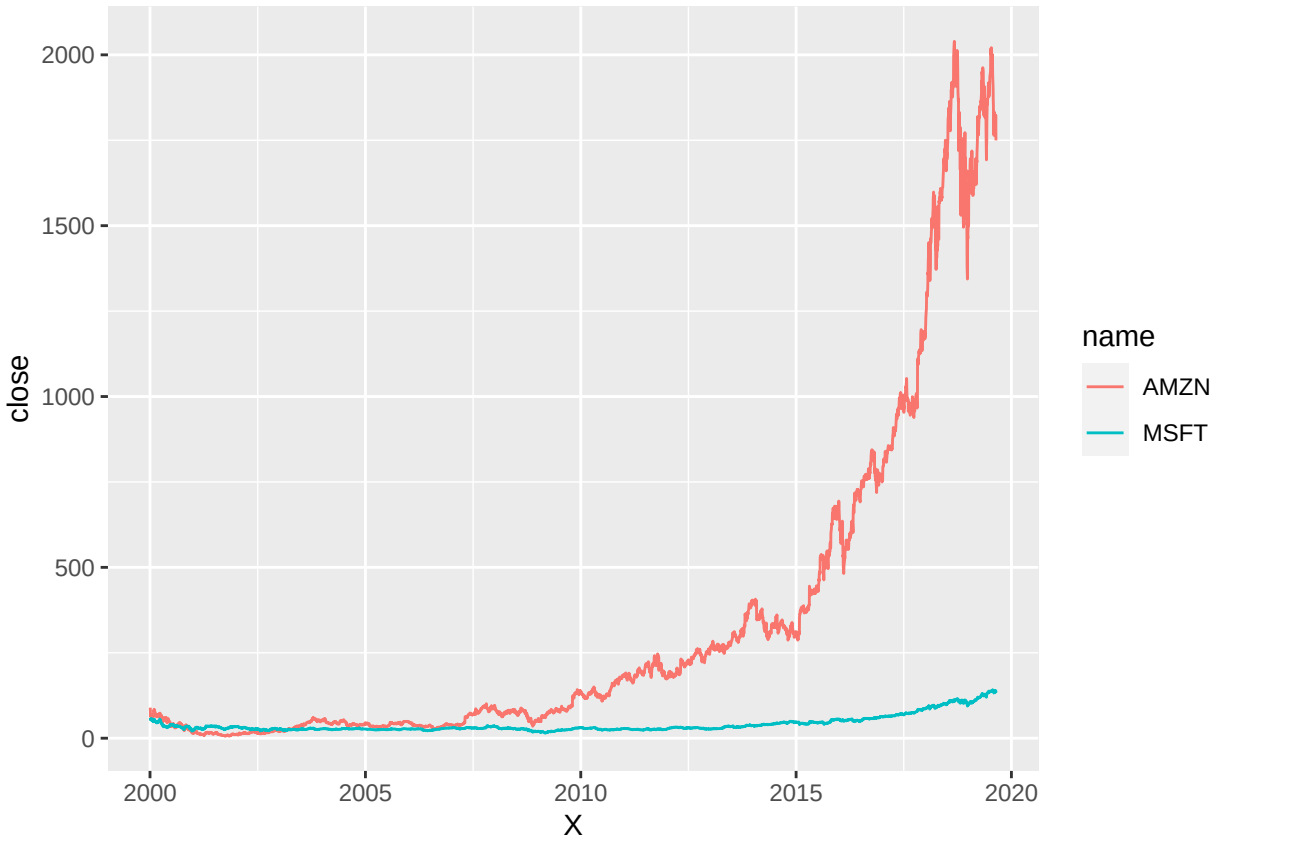


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ggplot(data = rbind(Facebook,Google), aes(x=X, y=close, group=name, color = name))+geom_line()
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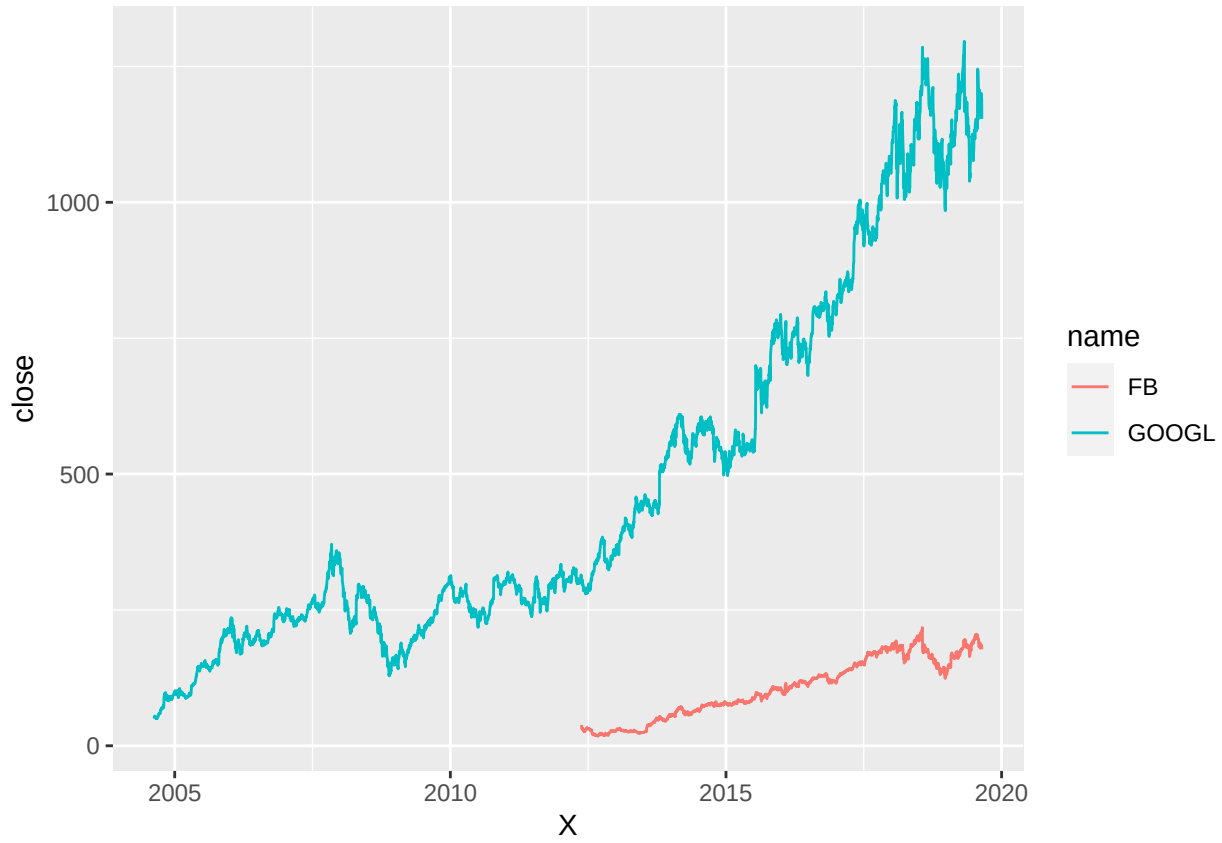


```
ggplot(data = rbind(Facebook,Amazon), aes(x=X, y=close, group=name, color = name))+geom_line()
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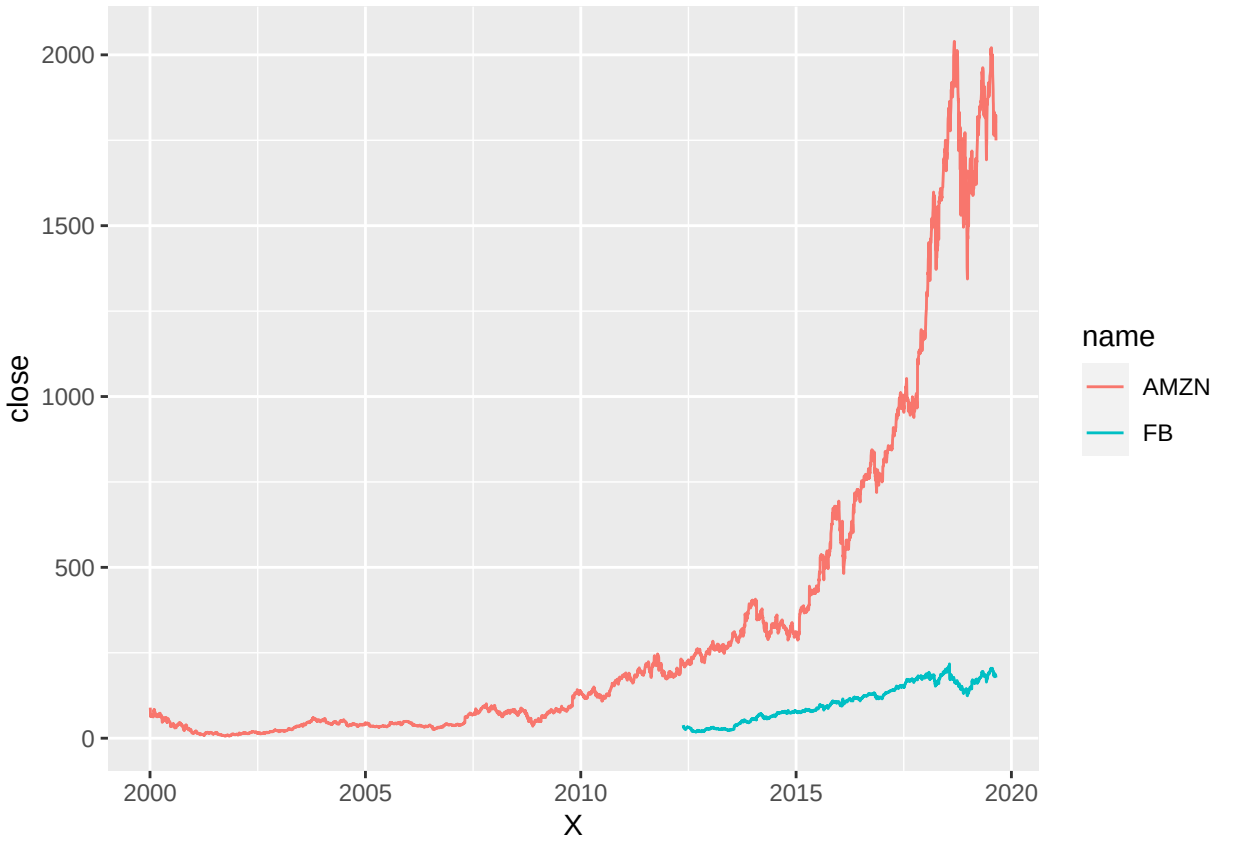


```
ggplot(data = rbind(Facebook,Apple), aes(x=X, y=close, group=name, color = name))+geom_line()
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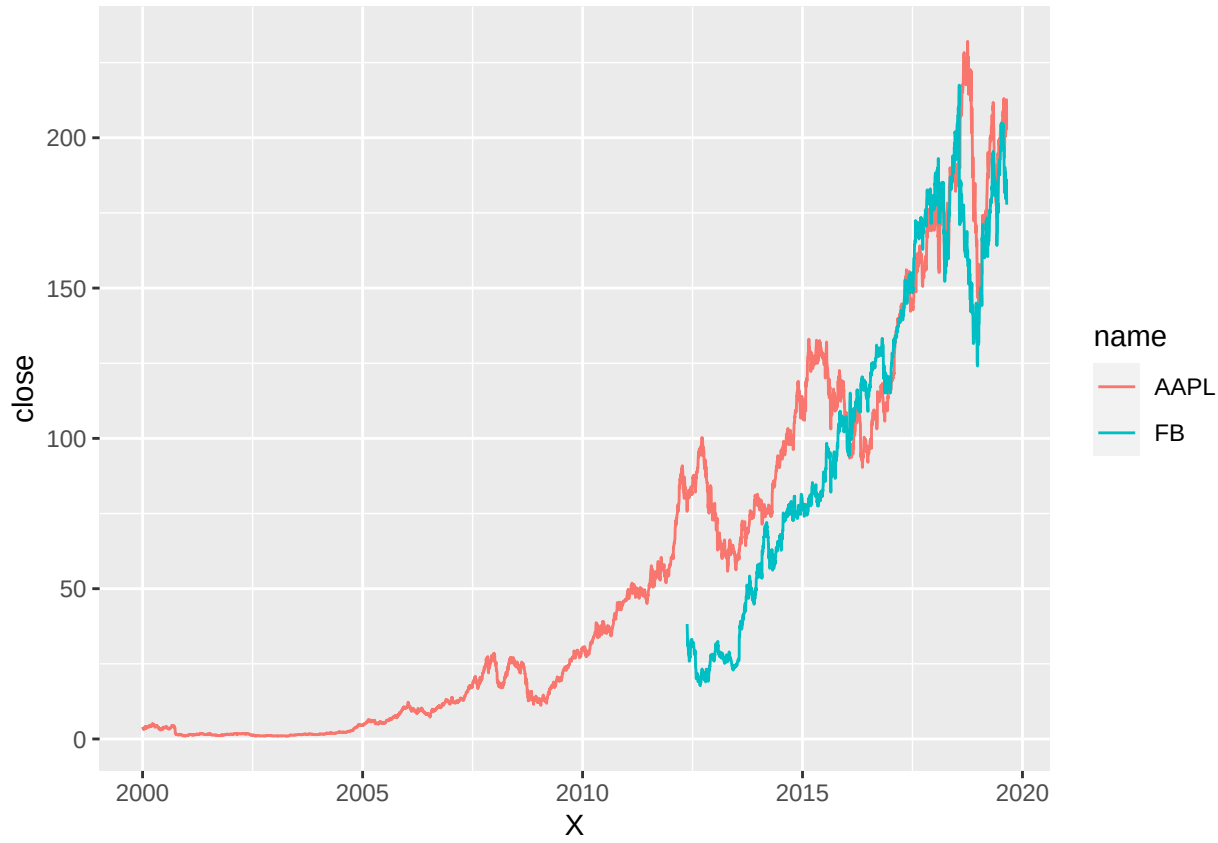


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ggplot(data = rbind(Facebook,Microsoft), aes(x=X, y=close, group=name, color = name))+geom_line()
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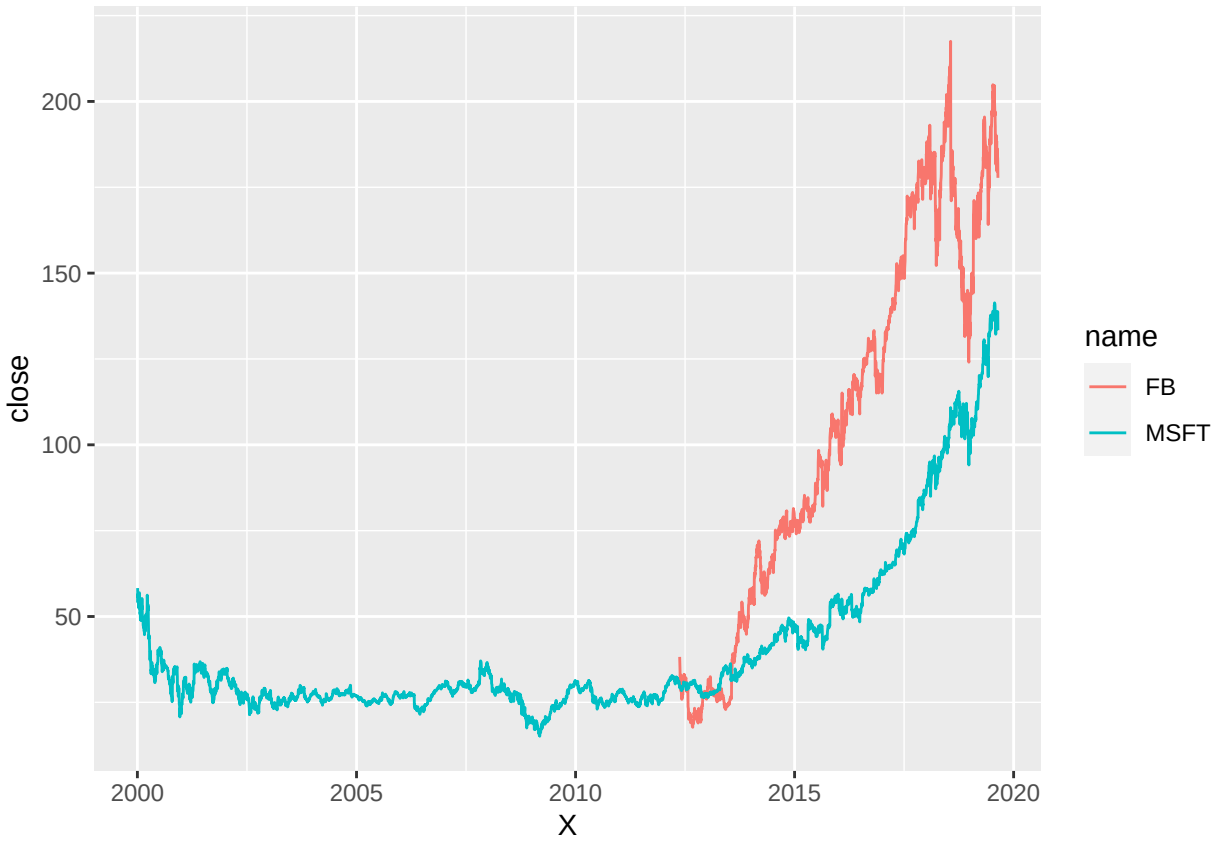
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