

## Chapter 2

### Ex 2.1

Consider the curve drawn by the price history of the Dow Jones Industrial Average (DJIA) from 1960 to 2010.

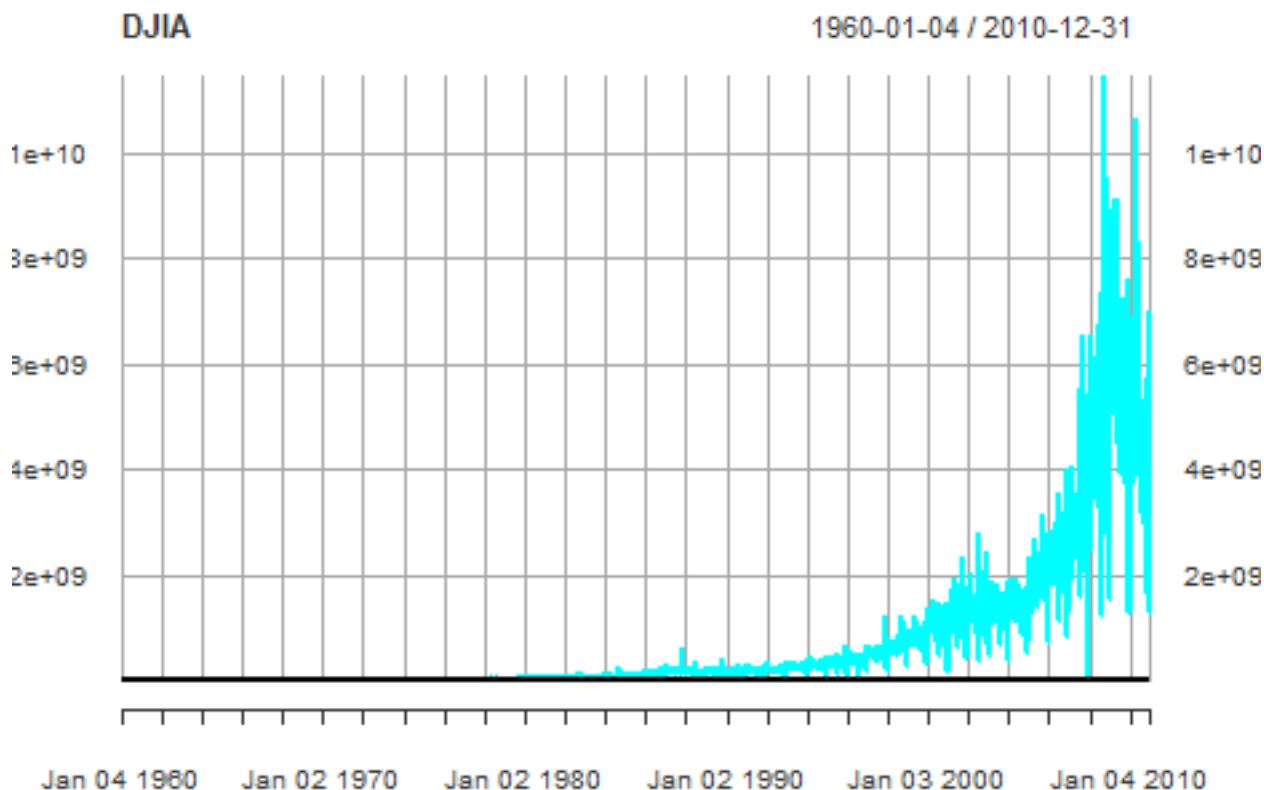
```
getSymbols("DJIA", src = "yahoo", from = "1960-01-01") ## DJIA from 1896
```

'getSymbols' currently uses `auto.assign=TRUE` by default, but will use `auto.assign=FALSE` in 0.5-0. You will still be able to use 'loadSymbols' to automatically load data. `getOption("getSymbols.env")` and `getOption("getSymbols.auto.assign")` will still be checked for alternate defaults.

This message is shown once per session and may be disabled by setting `options("getSymbols.warning4.0"=FALSE)`. See `?getSymbols` for details.

```
[1] "DJIA"
```

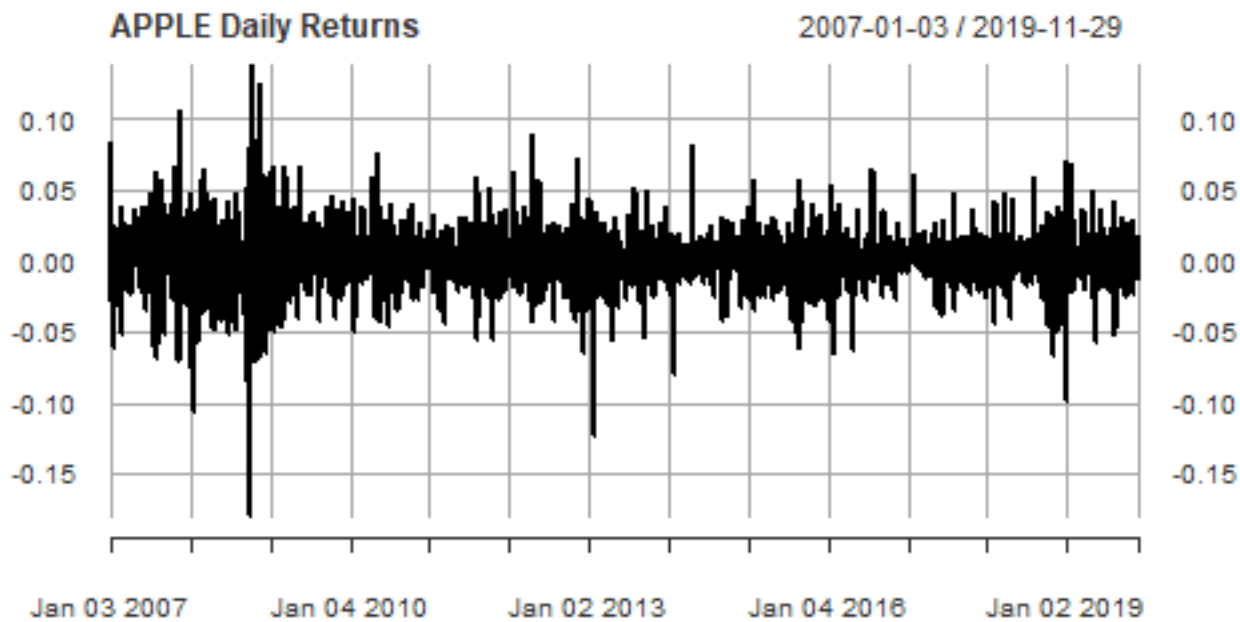
```
plot(DJIA['1960/2010'], main = "DJIA")
```



```
getSymbols("AAPL", src = "yahoo")
```

```
[1] "AAPL"
```

```
aplRd <- periodReturn(AAPL, period = "daily")  
plot(aplRd, main = "APPLE Daily Returns")
```



```
x <- seq(-4, 4, 0.01)  
plot(x, dnorm(x, mean = 0.5, sd = 1.3), type = "l")
```

