Bitcoin.csv

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```
library(lubridate)
```

```
##
## Attaching package: 'lubridate'
```

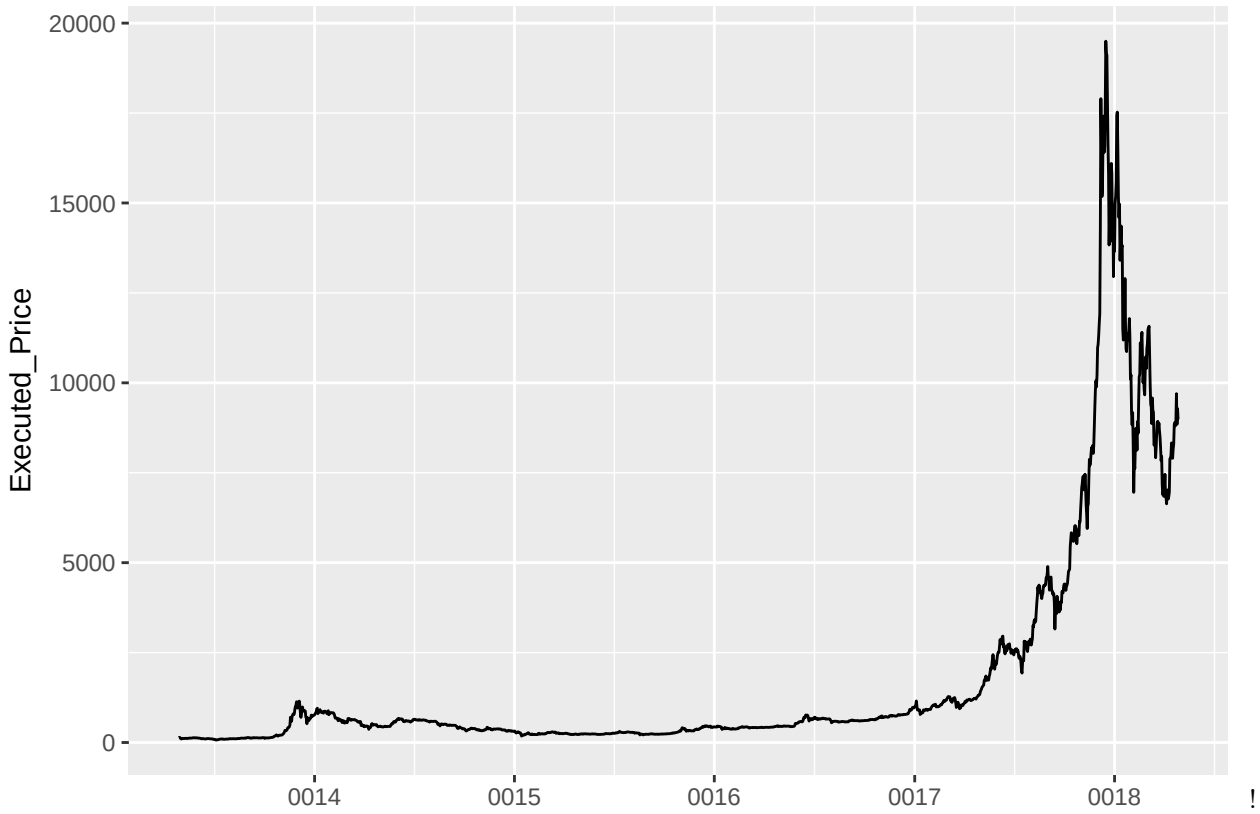
```
## The following object is masked from 'package:base':
##
##     date
```

```
library(ggplot2)
```

```
data <- read.csv('Bitcoin.csv')
data$Date <- as.Date(data$Date,format = "%m/%d/%Y")
head(data)
```

```
##   X       Date    Open    High     Low   Close         Volume
## 1 0 0018-04-27 9290.63 9375.47 8987.05 8987.05  7,566,290,000
## 2 1 0018-04-26 8867.32 9281.51 8727.09 9281.51  8,970,560,000
## 3 2 0018-04-25 9701.03 9745.32 8799.84 8845.74 11,083,100,000
## 4 3 0018-04-24 8934.34 9732.61 8927.83 9697.50 10,678,800,000
## 5 4 0018-04-23 8794.39 8958.55 8788.81 8930.88  6,925,190,000
## 6 5 0018-04-22 8925.06 9001.64 8779.61 8802.46  6,629,900,000
##        Market.Cap
## 1 157,948,000,000
## 2 150,736,000,000
## 3 164,893,000,000
## 4 151,844,000,000
## 5 149,448,000,000
## 6 151,651,000,000
```

```
ggplot(data, aes(Date, Close)) + geom_line() + xlab("") + ylab("Executed_Price")
```



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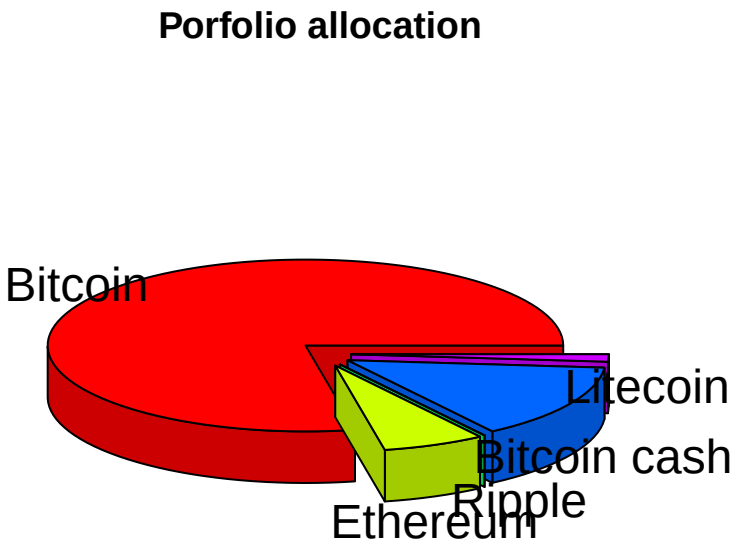
Taking into account ,for each brought share of entity we can plot the portfolio allocation. (The assumption is made that prices are as described in slices) this model is a prototype of how the portfolio should be presented in R)

```
library(plotrix)
slices <- c(9574.97, 785.35, 0.869176, 1731.82, 170.08)
lbls <- c("Bitcoin", "Ethereum", "Ripple", "Bitcoin cash", "Litecoin")
pie3D(slices,labels=lbls,explode=0.1,
    main="Porfolio allocation ")
```



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