

Daily Returns of Amazon Stock

Amazon Stock prices

As a shareholder in Amazon, the daily returns of Amazon's stock stands in the center of interest.

Other interesting properties of Amazon stock prices.

```
# We can write codes easily
```

```
# Tidy approach: modify your path
```

```
data_in <- "/Users/agostonreguly/Dropbox/data/"
```

```
# Loading data
```

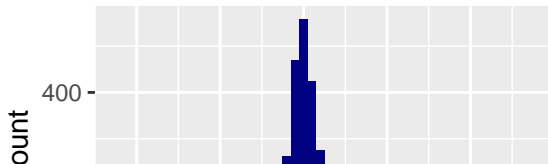
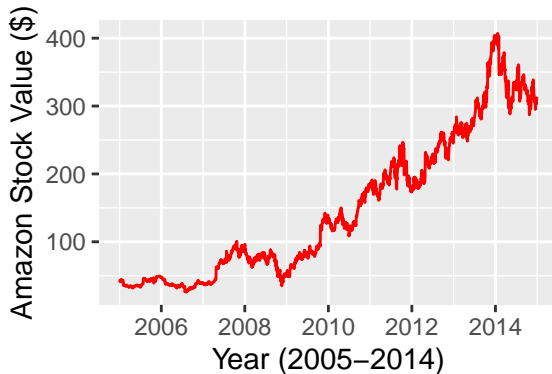
```
AMZN <- read.csv(paste0(data_in, "AMZN-KO1.csv"))
```

```
# Convert Date variable from string to date
```

```
AMZN$days <- as.Date(AMZN$Date, format = "%d/%m/%Y")
```

Visualization

You can also embed plots in your report. Left graph shows the stock prices from 2005 until 2014. The right graph shows the distribution of daily returns.



Summary statistics

Finally we can report the descriptive statistics

	mean	median	std	iq_range	min	max	skew	numObs
1	0.11	0.00	2.67	2.47	-21.82	26.95	1.08	2517

Conclusion

Rmarkdown is a great tool to create reports! Rmarkdown shines in two cases: 1. when you want to share the whole report and also check how it was down (e.g. controlling) 2. when you create periodical reports and you need to refresh the data

However if you only need to create a single report you might consider the effectiveness of its use.