Practical Data Science: Analyzing Stock Market Data with R

Creating an R Markdown for Charts

Viewing Up-To-Date Charts

If you're looking for an easy solution to visualize multiple charts at the same time, an R Markdown file may do the trick. This is usually used for educational purposes - I'm using it to write these PDFs. For more information check out: <u>R Markdown—Dynamic Documents for R</u>

To do this, you will need RStudio as it easily creates R Markdown files. Create a new document by going

```
    File > New File > R Markdown
```

We'll use this simple example:

```
    GSPC & QQQ
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```{r echo=TRUE, results='hide', message=FALSE}
library(quantmod)
getSymbols(c('^GSPC','QQQ'), src='yahoo')
```

My setup on GSPC

```{r}
chartSeries(GSPC, theme="white",
TA="addVo();addBBands();addCCI()", subset='2015')
```

My setup on QQQ...

```{r}
chartSeries(QQQ, theme="white",
TA="addVo();addBBands();addCCI()", subset='2015')
```
```

Then instead of running it like you would with a normal R script, you hit the 'Knit HTML' button and then export to a browser. This works great for long documents that you need to print or save to PDFs.