

### Comments & Packages

# Python Comment	# R Comment	// JavaScript Comment
PIP or CONDA	R/RStudio	NPM or YARN
<code>pip install package</code>	<code>install.packages("package")</code>	<code>npm install package</code>
<code>import pandas</code>	<code>library(dplyr)</code>	<code>const fs = require("fs");</code>

### Reading CSV Files

Python	R	JavaScript
<code>import pandas as pd</code>	<code>library(readr)</code>	<code>const fs = require("fs");</code>
<code>pd.read_csv("file.csv")</code>	<code>read_csv("file.csv")</code>	<code>readFileSync("file.csv")</code>

### Python - Functions

Python	R	JavaScript
<code>def fxnName(arg1, arg2):</code> statements <code>return val</code>	<code>fxnName &lt;- function(arg1, arg2) {</code> statements <code>return (value) }</code>	<code>function fxnName(arg1) {</code> state- ments <code>}</code>

### Python - Type Conversion

```
int(var)
float(var)
str(var)
```

### Conditionals

Python	R	JavaScript
and, or, not	&,  , !	&&,   , !

### Ternary Expression

Python	R	JavaScript
<code>outcome = 'failed' if grade &lt; 50 else 'passed'</code>	<code>var outcome = grade &lt; 50 ? 'failed' : 'passed'</code>	<code>var outcome = grade &lt; 50 ? 'failed' : 'passed'</code>

### R - Type Conversion

```
as.integer(var)
as.character(var)
as.factor(var)
as.vector(var)
as.matrix(var)
as.data.frame(var)
```

### JavaScript - Packages

```
npm install packageName
  (options: -g --save --save-dev)
const packageName = require("packageName");
```

### JavaScript - Type Conversion

```
String(var)
Number(var)
date.toString()
num.toString()
str.toNumber()
bool.toNumber()
```



By **aschiffer**  
[cheatography.com/aschiffer/](https://cheatography.com/aschiffer/)

Not published yet.  
Last updated 30th May, 2020.  
Page 1 of 1.

Sponsored by **Readable.com**  
Measure your website readability!  
<https://readable.com>