

Day 9 Cheatsheet

Functions

Why create your own functions? - Cut down on repetitive code (easier to fix things!) - Organize code into manageable chunks - Avoid running code unintentionally - Use names that make sense to you

Syntax for a function is:

```
functionName <- function(inputs) {  
  # Document your inputs here  
  <function body>  
  return(value)  
}
```

Functions

| Library/Package | Piece of code | Example of usage | What it does |
|-----------------|-----------------------|------------------------------------------------|-----------------------------------------------------------------------------------|
| Base R | <code>lapply()</code> | <code>lapply(some_list, a_function)</code> | Apply a function over a list or vector. |
| Base R | <code>sapply()</code> | <code>sapply(some_list, a_function)</code> | Apply a function over a list or vector but by default returns a matrix or vector. |

* This format was adapted from the cheatsheet format from AlexsLemonade.