

RwithR

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A Comprehensive guide towards learning R

This document helps the practitioners as a guide to quickly search for a section. The sections can help in finding out the answers that you are looking for.

Parallely, for first time learners, this document serves as a source to go through different ways R can be used and the problems it can solve.

1. Explore R Datasets

You can see the list of datasets available after you type `datasets::`. You can assign the preferred dataset to a variable and start exploring

```
airmiles <- datasets::airmiles
```

Datasets are stored in an R package. You can get the information about all the datasets available by doing the below

```
library(help = 'datasets')
```

2. Vector Math

R is a nice calculator, I use R extensively for my personal finance (which I suck at) and it is very helpful.

Let's dive in and see what R can do...

```
8 + 4 #Addition
```

```
## [1] 12
```

```
8 - 4 #Subtraction
```

```
## [1] 4
```

```
8 * 4 #Multiplication
```

```
## [1] 32
```

```
8 / 4 #Division
```

```
## [1] 2
```

```
8 ** 4 #Exponentiation
```

```
## [1] 4096
```