

mowateR

This is a package of real data sets curated from two+ years of collaboration between data scientists and water/wastewater treatment experts.

Description

mowateR is a collection of real data sets from the Mo(Wa)²TER (Modernizing Water and Wastewater Treatment through data science Education and Research) program. This program exists to help train the next generation of data scientists by providing a pre-requisite free Introduction to Data Science course and a summer mini-REU for undergraduate students. More information can be found [here](#).

Getting Started

Dependencies

- If you are downloading this package, you probably already have R and RStudio, but just in case...
 - R
 - RStudio
- If you use windows, you need Rtools

Installing

After downloading the `tar.gz` file, run the following code in RStudio:

```
install.packages("path/mowateR_0.1.tar.gz", repos = NULL, type = "source")
```

- Alternative approach (unix only):
 - On the command line, navigate to the directory containing the `mowateR_0.1.tar.gz` file
 - R CMD install "mowateR_0.1.tar.gz"

Using the package

Use `library(mowateR)` to load the package and then use `data(data_set_name)` to load any of the data sets from the package.

Help

`?mowateR` returns the full list of data sets. All data sets have help files that can be accessed with ``?`` or `help()`

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Version History

- 0.1
 - initial release

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