

Tidyverse Package

The tidyverse is an opinionated collection of R packages designed for data science. All packages share an underlying design philosophy, grammar, and data structures.

Tidyverse



```
### Install Package
```

```
#install.packages("tidyverse")
```

Run Package

```
#library(tidyverse)
```

Core Tidyverse Package Uses

ggplot2 : for data visualization

dplyr : for data manipulation

tidyr : for data tidying

readr : for data import

purrr : for functional programming

tibble : for tibbles, a modern re-imagining of data frames

stringr : for strings

forcats : for factors

Working with specific types of vectors

hms : for times

lubridate : for date/time

Importing other type of data

feature : for sharing with python and other language

haven : for SPSS, STATA, and SAS

httr : for web APIs

Jsonlite : for JSON

readxl : for ‘.xls’ and ‘.xlsx’ file

rvest : for web scraping

xml2 : for XML

Modeling

modelr : for modeling within a pipeline

broom : for turning models into tidy data