

PhillyWQI

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```
library(readr)
PhillyWQI <- read_csv("Data/PhillyWQI.csv")
```

```
## Warning: One or more parsing issues, see `problems()` for details
## Rows: 11512 Columns: 81
## -- Column specification -----
## Delimiter: ","
## chr  (50): OrganizationIdentifier, OrganizationFormalName, ActivityIdentifie...
## dbl  (6): ActivityDepthHeightMeasure/MeasureValue, ActivityLocation/Latitud...
## lgl  (23): ActivityEndDate, ActivityEndTime/Time, ActivityDepthAltitudeRefer...
## time (2): ActivityStartTime/Time, LastUpdated
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
View(PhillyWQI)
```

```
## Warning in system2("/usr/bin/otool", c("-L", shQuote(DSO)), stdout = TRUE):
## running command ''/usr/bin/otool' -L '/Library/Frameworks/R.framework/Resources/
## modules/R_de.so'' had status 1
```

```
library(DataExplorer)
```

```
#condense data
```

```
vars <- c("ActivityStartDate", "ActivityStartTime/Time", "CharacteristicName", "ResultSampleFractionTex")
PhillyWQI <- PhillyWQI[vars]
```

```
create_report(PhillyWQI)
```

```
##
##
## processing file: report.rmd
## |
## inline R code fragments
##
## |
## label: global_options (with options)
## List of 1
## $ include: logi FALSE
##
## |
## ordinary text without R code
##
```

```

## | |.....
## label: introduce
## | |.....
## ordinary text without R code
##
## | |.....
## label: plot_intro
## | |.....
## ordinary text without R code
##
## | |.....
## label: data_structure
## | |.....
## ordinary text without R code
##
## | |.....
## label: missing_profile
## | |.....
## ordinary text without R code
##
## | |.....
## label: univariate_distribution_header
## | |.....
## ordinary text without R code
##
## | |.....
## label: plot_histogram
## | |.....
## ordinary text without R code
##
## | |.....
## label: plot_density
## | |.....
## ordinary text without R code
##
## | |.....
## label: plot_frequency_bar
## | |.....
## ordinary text without R code
##
## | |.....
## label: plot_response_bar
## | |.....
## ordinary text without R code
##
## | |.....
## label: plot_with_bar
## | |.....
## ordinary text without R code
##
## | |.....
## label: plot_normal_qq

```

```

## | .....
## ordinary text without R code
##
## | .....
## label: plot_response_qq
## | .....
## ordinary text without R code
##
## | .....
## label: plot_by_qq
## | .....
## ordinary text without R code
##
## | .....
## label: correlation_analysis
## | .....
## ordinary text without R code
##
## | .....
## label: principal_component_analysis
## | .....
## ordinary text without R code
##
## | .....
## label: bivariate_distribution_header
## | .....
## ordinary text without R code
##
## | .....
## label: plot_response_boxplot
## | .....
## ordinary text without R code
##
## | .....
## label: plot_by_boxplot
## | .....
## ordinary text without R code
##
## | .....
## label: plot_response_scatterplot
## | .....
## ordinary text without R code
##
## | .....
## label: plot_by_scatterplot
## output file: /Users/allyracho/DS440_Project/report.knit.md
## /Applications/RStudio.app/Contents/MacOS/pandoc/pandoc +RTS -K512m -RTS /Users/allyracho/DS440_Proje
##
## Output created: report.html

```