

```
# Install CRAN packages
```

```
install.packages(c(  
  "tidyverse", "palmerpenguins", "here", "janitor", "skimr", "dbplyr",  
  "GGally", "naniar", "mice",  
  "microbenchmark", "testthat", "profvis", "memoise", "digest",  
  "doParallel", "foreach", "furry",  
  "rvest", "data.table", "sqldf",  
  "rmarkdown", "tinytex",  
  "gt", "gtExtras",  
  "ggbeeswarm", "gghighlight", "ggh4x", "ggpubr", "png", "ggdensity",  
  "ggdist", "ggbump", "ggtext", "ggalt", "ggridges", "geomtextpath",  
  "colorBlindness", "patchwork",  
  "shiny", "bslib",  
  "gitcreds", "usethis", "devtools"  
))
```

```
# Install the remotes package if not already installed
```

```
install.packages("remotes")
```

```
# Install dataxray from the correct GitHub repository
```

```
remotes::install_github("agstn/dataxray")
```

```

pkgs <- c(
  "tidyverse", "palmerpenguins", "here", "janitor", "skimr", "dbplyr",
  "GGally", "naniar", "mice",
  "microbenchmark", "testthat", "profvis", "memoise", "digest",
  "doParallel", "foreach", "furry",
  "rvest", "data.table", "sqldf",
  "rmarkdown", "tinytex",
  "gt", "gtExtras",
  "ggbeeswarm", "gghighlight", "ggh4x", "ggpubr", "png", "ggdensity",
  "ggdist", "ggbump", "ggtext", "ggalt", "ggridges", "geomtextpath",
  "colorBlindness", "patchwork",
  "shiny", "bslib",
  "gitcreds", "usethis", "devtools", "remotes",
  "dataxray"
)

# Verify pkgs are loadable

not_found <- pkgs[!sapply(pkgs, requireNamespace, quietly = TRUE)]

if (length(not_found) > 0) {
  message("Packages not installed or not loadable: ", paste(not_found, collapse = ", "))
} else {
  message("All packages successfully installed and loadable.")
}

```

Troubleshooting Tips

If you get "Updating loaded packages" error:

→ Restart R (Session -> Restart R, or Ctrl + Shift + F10 / Cmd + Shift + F10)

If you get "Permission denied" error:

→ Run RStudio as administrator or install to a custom user library:

.libPaths("~/R/custom_lib")

If remotes::install_github() fails: