Instructions on code setup to run materials for ESIP March 2025 how-to blog on making reproducible data pipelines with the R targets package

**Recommended installations:** You should have both R (at least version 4.3.0) and RStudio (at least version 2024.04.1) installed. When you upgrade R itself, you have to reinstall all packages but RStudio upgrades do not affect package installs.

1. Download ZIP file containing supporting blog code materials called esip\_march25\_targets\_blog.zip to your computer:

A screenshot of a computer

AI-generated content may be incorrect.

1. Extract/unzip ZIP file
2. Open RStudio
3. Open the project in RStudio by navigating to File → Open Project, clicking on the .Rproj file called from-scripts-to-pipelines-workshop.Rproj from the root directory of the unzipped folder and then clicking Open.

A screenshot of a computer

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1. Install targets by typing in the command install.packages('targets') into the console and press Enter. To confirm that targets was installed and load the library, enter in the command **library**(targets) into the console and press Enter.

A screenshot of a computer program

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1. Install the other required packages (defined in \_targets.R) by defining a vector of packages by entering the command install.packages(c('dplyr','ggplot2','dataRetrieval','readr','lubridate','leaflet','htmlwidgets','scales')) into the console and pressing Enter.

**You are now ready to run the materials presented in the blog!**