

Ocean Data Analysis with R Programming for Early Career Ocean Professionals (ECOPs) (Asia)

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Module 1 – Lesson 1: Introduction to R and RStudio

1. Versions:
 - a. R: 4.3.1 (Beagle Scouts)
 - b. RStudio: 2023.09.0 Build 463
2. Four main panes in RStudio interface:
 - a. Script Editor
 - b. Console
 - c. Environment
 - d. Files/Plots/Packages
3. Output of the **library()** function when I load **tidyverse** and **dplyr**:

```
> library("tidyverse")
— Attaching core tidyverse packages — tidyverse 2.0.0 —
✓ dplyr      1.1.3    ✓ readr      2.1.4
✓ forcats    1.0.0    ✓ stringr    1.5.0
✓ ggplot2    3.4.3    ✓ tibble     3.2.1
✓ lubridate  1.9.3    ✓ tidyr      1.3.0
✓ purrr      1.0.2
— Conflicts — tidyverse_conflicts() —
✖ dplyr::filter() masks stats::filter()
✖ dplyr::lag()    masks stats::lag()
i Use the conflicted package to force all conflicts to become errors
> require(tidyverse)
> tidyverse::tidyverse_packages()
  [1] "broom"      "conflicted" "cli"      "dbplyr"    "dplyr"     "dtplyr"    "forcats"   "ggplot2"   "googledrive"
 [10] "googlesheets4" "haven"      "hms"      "httr"      "jsonlite"  "lubridate" "magrittr"  "modelr"    "pillar"
 [19] "purrr"      "ragg"       "readr"    "readxl"    "reprex"    "rlang"     "rstudioapi" "rvest"     "stringr"
 [28] "tibble"     "tidyr"      "xml2"     "tidyverse"
```

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