**# Package installation**

BiocManager:: install

BiocManager:: install(“GEOquery”) # for fetching GEO dataset

BiocManager:: install(“dplyr”) # for manipulating data in R

BiocManager:: install(“tidyr”)

BiocManager:: install(“tidyverse”)

BiocManager:: install(“DESeq2”)

**# Loading Packages**

library(dplyr)

library(tidyverse)

library(GEOquery)

library(DESeq2)