**Homework-08**

问题：

一、填空题：补充和完善代码，命名为ts\_fs\_ml.R文件

# download the data and save them

download.file("http://s3.amazonaws.com/assets.datacamp.com/production/course\_3002/datasets/exercise1.xlsx", destfile = "exercise1.xlsx")

# Read the data from Excel into R

library("readxl")

\_\_\_ <- \_\_\_("exercise1.xlsx")

# Look at the first few lines of mydata

\_\_\_

# Create a ts object called myts

myts <- ts(\_\_\_[\_\_\_], start = c(\_\_\_, \_\_\_), frequency = \_\_\_)

二、问答题：在ts\_fs\_ml.R中，利用Doubs鱼群序列，提取特征建模

写一段名为ts\_fs\_ml的代码，访问网站下载Le doubs鱼群监测数据，关注VERCah站点VIA鱼类年际间的变化，创建时间序列并可视化，并利用recipe()函数获得时间序列特征，基于tidymodels包构建鱼群预测模型。

https://figshare.com/articles/dataset/Data\_for\_Contemporary\_loss\_of\_genetic\_diversity\_in\_wild\_fish\_populations\_reduces\_biomass\_stability\_over\_time\_/13095380

要求：

两周内上传代码至自己的GitHub中。