AAHW3 - Kilbourn

CJK

2023-06-26

Homework 3 - R Portion

This is in response to question 2. The prompt was: 2. Build an optimal Lasso, Ridge, or ElasticNet logistic regression model using the attrition data we used for class that includes a “penalty” and “mixture” parameter. I’ll leave it up to you to determine what “optimal” means.

So the first step is to load the attrition data set (note that because this is under a different project in order to connect it to github, I will need to import the dataset again so it’s compatible with git and with this markdown file, even though I have already imported this dataset through another project).

library(readxl)  
WA\_Fn\_UseC\_HR\_Employee\_Attrition <- read\_excel("WA\_Fn-UseC\_-HR-Employee-Attrition.xlsx")  
View(WA\_Fn\_UseC\_HR\_Employee\_Attrition)

Also, the name of the dataset is crazy long, so I will shorten it to just data for now

data <- WA\_Fn\_UseC\_HR\_Employee\_Attrition