Alexander Varghese

Professor Minimair

CSAS 3010 WA

13 May 2019

Data Mining Part 2

When I ran the train file on the test file with J48, JRip, ZeroR, and Logistics, I found out that ZeroR had the highest amount of correctly classified instances. The lowest amount of correctly classified instances was the Logistics model. I thought that this was surprising because I always thought that using the Logistics method would be the most accurate but, in this scenario, I was wrong. It also depends on the data that you are testing on because even one small update in the data could change the results for each model. For example, if I added another passenger that did survive, then it could possibly make the J48 have the highest amount of correctly classified instances. Overall, I was very surprised by the results and it all depends on the data that is imported into Weka.