Using Caret in R to compute Confusion matrix

**library(caret)**

**#define vectors of actual values and predicted values**

**actual <- factor(rep(c(1, 0), times=c(160, 240)))**

**pred <- factor(rep(c(1, 0, 1, 0), times=c(120, 40, 70, 170)))**

**#create confusion matrix and calculate metrics related to confusion matrix**

**confusionMatrix(pred, actual, mode = "everything", positive="1")**

🡪 Define actual & predict vector as Factor.

🡪 Assign the corresponded “positive” (e.g. “1”)

🡪 mode = “everything” (show F1-score)

Sample result:

