testing performance package

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```
summary(mtcars)
```

```
##
                          cyl
                                           disp
                                                             hp
         mpg
           :10.40
                            :4.000
                                             : 71.1
                                                              : 52.0
    1st Qu.:15.43
                     1st Qu.:4.000
                                      1st Qu.:120.8
                                                       1st Qu.: 96.5
##
    Median :19.20
                     Median :6.000
                                      Median :196.3
                                                       Median :123.0
##
    Mean
           :20.09
                     Mean
                            :6.188
                                      Mean
                                             :230.7
                                                       Mean
                                                              :146.7
    3rd Qu.:22.80
                     3rd Qu.:8.000
                                      3rd Qu.:326.0
                                                       3rd Qu.:180.0
##
                                                              :335.0
##
    Max.
           :33.90
                     Max.
                            :8.000
                                      Max.
                                             :472.0
                                                       Max.
##
         drat
                           wt
                                           qsec
                                                             vs
           :2.760
##
                                                              :0.0000
    Min.
                     Min.
                            :1.513
                                      Min.
                                             :14.50
                                                       Min.
    1st Qu.:3.080
                     1st Qu.:2.581
                                      1st Qu.:16.89
                                                       1st Qu.:0.0000
##
   Median :3.695
                     Median :3.325
                                      Median :17.71
                                                       Median :0.0000
##
    Mean
           :3.597
                     Mean
                            :3.217
                                      Mean
                                             :17.85
                                                              :0.4375
                                                       Mean
##
    3rd Qu.:3.920
                     3rd Qu.:3.610
                                      3rd Qu.:18.90
                                                       3rd Qu.:1.0000
   Max.
           :4.930
                            :5.424
                                             :22.90
                                                       Max.
                                                              :1.0000
##
          am
                           gear
                                            carb
##
   Min.
           :0.0000
                      Min.
                             :3.000
                                       Min.
                                              :1.000
   1st Qu.:0.0000
                      1st Qu.:3.000
                                       1st Qu.:2.000
  Median :0.0000
                      Median :4.000
                                       Median :2.000
           :0.4062
##
                             :3.688
                                              :2.812
  Mean
                      Mean
                                       Mean
                      3rd Qu.:4.000
    3rd Qu.:1.0000
                                       3rd Qu.:4.000
           :1.0000
                             :5.000
                                              :8.000
   Max.
                      Max.
                                       Max.
```

Make a model, any model

You can also embed plots, for example:

```
qsecModel <- lm(formula = qsec ~ carb + disp, data = mtcars)
qsecModel</pre>
```

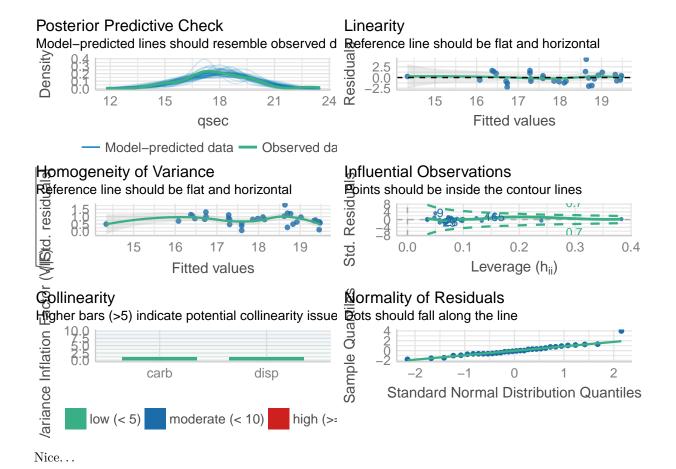
```
##
## Call:
## lm(formula = qsec ~ carb + disp, data = mtcars)
##
## Coefficients:
## (Intercept) carb disp
## 20.324369 -0.635684 -0.002981
```

summary(qsecModel)

```
##
## Call:
## lm(formula = qsec ~ carb + disp, data = mtcars)
##
## Residuals:
##
      Min
              1Q Median
                             ЗQ
                                   Max
## -2.2353 -0.8452 -0.1437 0.7470 4.2667
##
## Coefficients:
             Estimate Std. Error t value Pr(>|t|)
## (Intercept) 20.324369  0.575126  35.339  < 2e-16 ***
          ## carb
             -0.002981 0.002128 -1.401 0.171917
## disp
## ---
## Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1
\#\# Residual standard error: 1.349 on 29 degrees of freedom
## Multiple R-squared: 0.4667, Adjusted R-squared:
## F-statistic: 12.69 on 2 and 29 DF, p-value: 0.0001098
```

Check performance

performance::check_model(qsecModel)



The end