

Lab4Vignette

Harshavardhan Subramanian

28/09/2019

```
library(Lab4Assignment)
```

Advanced R Programing Lab 4 assignment aims at creating a linear regression package in R. Basic linear algebra to create the functionality in the R package. This package also aims at implementing an object oriented system to handle special functions such as `print()`, `plot()`, `resid()`, `pred()`, `coef()` and `summary()`.

A `linreg` function is created which takes in two arguments, “formula” of formula data type and “data” of `data.frame` data type. The function should return an object of RC implemented class.