```
regr::LinearRegression
- X
- y
yfit
- m
- C
- sumx

    sumy

    sumxx

    sumxy

- n
- p
+ LinearRegression()
+ ~LinearRegression()
+ get_slope()
+ get y intersept()
+ get fit data()
+ get_original_r()
+ get fitted r()
+ load data()
+ fit data()
+ show equation()
+ plot_equation()
+ plot_data()
+ get data()
fun()
regr::PolyRegression

    coeff

- degree
+ PolyRegression()
+ ~PolyRegression()
+ set degree()
+ show_equation()
+ fit data()
fun()
get power()
get_y_intersept()
get slope()
```