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

    sumxx

    sumxy

- n
- p
+ LinearRegression()
+ ~LinearRegression()
+ get slope()
+ get v 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()
```