

R Notebook

```
linkMerge='https://github.com/profemagallanes-unmsm/cuantimet_pd/raw/refs/heads/main/elecpob.csv'
merge=read.csv(linkMerge)
str(merge)
```

```
## 'data.frame': 24 obs. of 3 variables:
## $ Departamento: chr "Amazonas" "Ancash" "Apurimac" "Arequipa" ...
## $ pobreza : num 25.6 21.4 24.9 13.6 40.7 44.5 21.5 37.8 42.2 5.1 ...
## $ CastilloProp: num 0.113 0.125 0.281 0.224 0.275 ...
```

Analisis de regresion en R para saber si la pobreza afecta la proporcion de votos de de Castillo, y de que manera si fuera el caso.

```
h1=formula(CastilloProp~pobreza)
```

```
r1=lm(h1,data=merge)
```

```
summary(r1)
```

```
##
## Call:
## lm(formula = h1, data = merge)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.15896 -0.06260 -0.01306  0.08176  0.13056
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.103171   0.048320   2.135   0.0441 *
## pobreza      0.002015   0.001693   1.190   0.2468
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.08784 on 22 degrees of freedom
## Multiple R-squared:  0.06046,    Adjusted R-squared:  0.01775
## F-statistic: 1.416 on 1 and 22 DF,  p-value: 0.2468
```