

Regression Analysis - Group Project Python Last Checkpoint: vor 6 Minuten (autosaved)

Type gender(0 for female, 1 for male):
 Type writing score:
 Type reading score:
 Predict Math score

OLS Regression Results

```

=====
Dep. Variable: math_score R-squared: 0.841
Model: OLS Adj. R-squared: 0.840
Method: Least Squares F-statistic: 1751.
Date: Thu, 02 May 2019 Prob (F-statistic): 0.00
Time: 12:26:18 Log-Likelihood: -3219.1
No. Observations: 1000 AIC: 6446.
Df Residuals: 996 BIC: 6466.
Df Model: 3
Covariance Type: nonrobust
=====
coef std err t P>|t| [0.025 0.975]
-----
const -6.1892 1.022 -6.058 0.000 -8.194 -4.184
gender_male 13.1378 0.407 32.271 0.000 12.339 13.937
writing_score 0.5806 0.044 13.318 0.000 0.495 0.666
reading_score 0.3821 0.045 8.564 0.000 0.295 0.470
=====
Omnibus: 1.586 Durbin-Watson: 2.070
Prob(Omnibus): 0.452 Jarque-Bera (JB): 1.587
Skew: -0.097 Prob(JB): 0.452
Kurtosis: 2.979 Cond. No. 537.
=====

Warnings:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
  
```

```

New_Writing_score Label and input box
label2 = tk.Label(root, text=' Type writing score: ')
anvas1.create_window(120, 120, window=label2)

entry2 = tk.Entry (root) # create 2nd entry box
anvas1.create_window(270, 120, window=entry2)

New_reading_score Label and input box
label3 = tk.Label(root, text=' Type reading score: ')
anvas1.create_window(140, 140, window=label3)

entry3 = tk.Entry (root) # create 3rd entry box
anvas1.create_window(270, 140, window=entry3)

def values():
    global New_Gender #our 1st input variable
    New_Gender = float(entry1.get())

    global New_Writing_score #our 2nd input variable
    New_Writing_score = float(entry2.get())
  
```

Regression Analysis - Group Project Python Last Checkpoint: vor 7 Minuten (autosaved)

Type gender(0 for female, 1 for male): 1
 Type writing score: 50
 Type reading score: 64
 Predict Math score

(Predicted math score:) [[60.89307094]]

OLS Regression Results

```

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