# MAT 243 Module Seven Quiz Question Five Text Version

Description: The following is an accessible version of the Python script output for OLS Regression. In the normal output, the items are arranged in two columns. Here, items are listed in one column for easier use. Each item has a label. For example, the label “Model” comes before the item “OLS”. Items follow the same order as the normal Python script output.

## OLS Regression Results

Dependent Variable: Exam4

Model: OLS

Method: Least Squares

Date: Sun, 18 Aug 2019

Time: 10:59:12

No. Observations: 50

Df Residuals: 46

Df Model: 3

Covariance Type: nonrubust

R-squared: 0.178

Adj. R-squared: 0.125

F-statistic: 3.329

Prob (F-statistc): 0.0276

Log-Likelihood: -169.85

AIC: 347.7

BIC: 355.4

|  | **Coef** | **Std err** | **T** | **P>|t|** | **[0.025** | **0.975]** |
| --- | --- | --- | --- | --- | --- | --- |
| **Intercept** | 46.2612 | 10.969 | 4.217 | 0.000 | 24.181 | 68.341 |
| **Exam1** | 0.1742 | 0.120 | 1.453 | 0.153 | -0.067 | 0.416 |
| **Exam2** | 0.1462 | 0.078 | 1.873 | 0.067 | -0.011 | 0.303 |
| **Exam3** | 0.0575 | 0.053 | 1.085 | 0.284 | -0.049 | 0.164 |

Omnibus: 0.886

Prob(Omnibus): 0.642

Skew: 0.290

Kurtosis: 2.868

Durbin-Watson: 1.530

Jarque-Bera (JB): 0.738

Prob(JB): 0.691

Cond. No: 1.41 e plus 03