|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SUMMARY OUTPUT | |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| *Regression Statistics* | |  |  |  |  |  |  |  |
| Multiple R | 0.71639012 |  |  |  |  |  |  |  |
| R Square | 0.51321481 |  |  |  |  |  |  |  |
| Adjusted R Square | 0.49642911 |  |  |  |  |  |  |  |
| Standard Error | 3.3177482 |  |  |  |  |  |  |  |
| Observations | 31 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ANOVA |  |  |  |  |  |  |  |  |
|  | *df* | *SS* | *MS* | *F* | *Significance F* |  |  |  |
| Regression | 1 | 336.54773 | 336.54773 | 30.5745322 | 5.8316E-06 |  |  |  |
| Residual | 29 | 319.216141 | 11.0074531 |  |  |  |  |  |
| Total | 30 | 655.763871 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | *Coefficients* | *Standard Error* | *t Stat* | *P-value* | *Lower 95%* | *Upper 95%* | *Lower 95.0%* | *Upper 95.0%* |
| Intercept | 8.73150051 | 0.85593389 | 10.2011389 | 4.1926E-11 | 6.98091914 | 10.4820819 | 6.98091914 | 10.4820819 |
| PTS | 0.00729387 | 0.0013191 | 5.52942422 | 5.8316E-06 | 0.00459601 | 0.00999173 | 0.00459601 | 0.00999173 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

Do the results have a good R Square value? Yes, R Square= 0.71639012 is significant relevant.

Is your choice statistically reliable? Yes, it is statistically reliable there is enough data to support the claim

Explain what your coefficients mean.

How fitted is the data to the regression line, it explains how close this line is to determine the data variance.

Finally produce a scatter plot and explain your overall analysis.

It makes complete sense to relate that points per game are directly proportionally to minutes played.