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| **Metric** | **Value** | **Meaning** | **Interpretation** |
| **MAE** (Mean Absolute Error) | 10.07 | Average error in predictions. | On average, the model’s predicted discount percentage is off by about **10%** from the actual value. |
| **MSE** (Mean Squared Error) | 161.69 | Average of squared errors (penalizes big mistakes more). | Larger errors increase this value quickly. High-ish due to squaring. |
| **RMSE** (Root Mean Squared Error) | 12.72 | Square root of MSE, same unit as target. | The model's predictions are typically within about **±12.72%** of the true discount value. |
| **R² Score** | 0.6726 | Proportion of variance explained by the model (0–1). | The model explains **67% of the variance** in discount percentage. |

The regression model achieved a Mean Absolute Error of 10.07 and a Root Mean Squared Error of 12.72, suggesting that the model's predictions are typically off by about 10–13% from the actual discount. The R² score of 0.6726 indicates that the model explains approximately 67% of the variance in discount percentage.