

3D Heals Model Metrics: Webinar Attendance

Best Performing Model: Gradient Boosting with RMSE = 24%

Best Hyperparameters: 'n_estimators': 50, 'min_samples_split': 10, 'max_depth': 3, 'learning_rate': 0.1

	Data Used	RMSE Score
Mean Absolute Error: 0.15026538294679936	Training Data	0.183812
Mean Squared Error: 0.05917667458774714		
Root Mean Squared Error: 0.24326256306252128	Test Data	0.243263

Other Models Evaluated: Bayesian Ridge, Stochastic Gradient Descent, Lasso

Model	RMSE Score	Tuned RMSE Score	Difference in Scores
GB	0.248724	0.244326	-0.0044
BR	0.268594	0.268594	0.0000
SGD	0.264991	0.263533	-0.0015
lasso	0.373767	0.270498	-0.1033

