

Regression Model Summary: Predicting Exam Scores

Variable	Coefficient	Std. Error	t-value	p-value	95% CI Lower	95% CI Upper
Intercept	36.361	1.060	34.308	0.000	34.281	38.441
Study Hours per Day	9.479	0.217	43.585	0.000	9.052	9.906
Parental Education Level	-0.158	0.265	-0.597	0.551	-0.679	0.363
Extracurricular Participation	0.066	0.686	0.097	0.923	-1.280	1.413

Predicted vs Actual Exam Scores

