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EDG 500
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Ch. 11 Output 11.8

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	HSGPA[b]	.	Enter

a. Dependent Variable: CGPA
b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.801[a]	.641	.582	.54818

a. Predictors: (Constant), HSGPA

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3.226	1	3.226	10.735	.017[b]
	Residual	1.803	6	.300		
	Total	5.029	7			

a. Dependent Variable: CGPA
b. Predictors: (Constant), HSGPA

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.537	.626		.858	.424
	HSGPA	.746	.228	.801	3.276	.017

a. Dependent Variable: CGPA

Ch. 11 Graph 11.18

Scatter Plot of CGPA by HSGPA
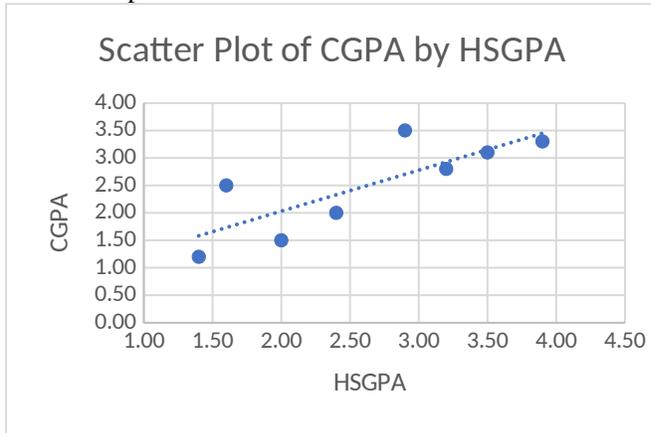
Ch. 11 Exercise #3

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Video Game Score Averages[b]	.	Enter

a. Dependent Variable: Typing Score
b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.821[a]	.675	.634	8.47258

a. Predictors: (Constant), Video Game Score Averages

ANOVA[a]

| Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1190.123	1	1190.123	16.579	.004[b]
	Residual	574.277	8	71.785		
	Total	1764.400	9			

a. Dependent Variable: Typing Score
b. Predictors: (Constant), Video Game Score Averages

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	73.075	7.535		9.698	<.001
	Video Game Score Averages	-.046	.011	-.821	-4.072	.004

a. Dependent Variable: Typing Score

Ch. 11 Exercise #4

Scatter Plot of Typing Score by Video Game Score Averages
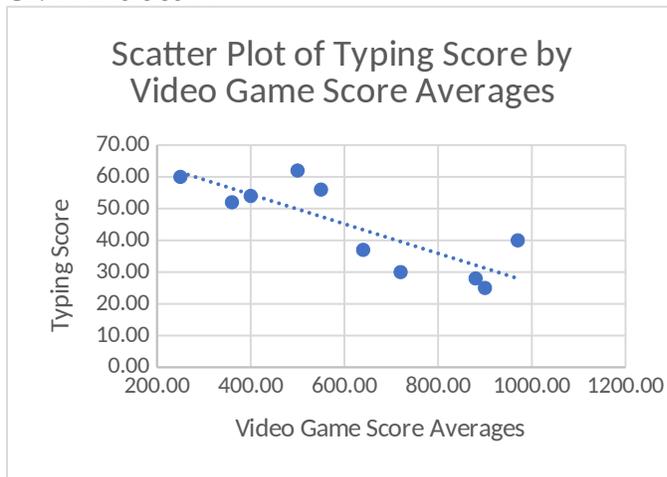
a. Yes, the relationship is statistically significant.
b. The relationship is inverse.
c. The relationship is not perfect.
d. Yes, the relationship is linear.
e. 67.5%

5. Based on the regression equation, a person who possessed a game score average of 570 would type about 45 (exact answer = 44.57) words per minute.