```
NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.

SAVE OUTFILE='C:\Users\lahoz\OneDrive\Pictures\Video game score and
typing.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='C:\Users\lahoz\OneDrive\Pictures\Video game score and
typing.sav'
  /COMPRESSED.
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT Typing
  /METHOD=ENTER Game.
```

Regression

Notes

Output Created		04-MAR-2023 21:21:50
Comments		
Input	Data	C:\Users\lahoz\OneDrive\Pictures\Video game score and typing.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Typing /METHOD=ENTER Game.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05
	Memory Required	1356 bytes
	Additional Memory Required for Residual Plots	0 bytes

[DataSet1] C:\Users\lahoz\OneDrive\Pictures\Video game score and typing.sav

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Video Game Score Average[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 Average

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 Average

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	73.075	7.535		9.698	.000
	Video Game Score Average	-.046	.011	-.821	-4.072	.004

a. Dependent Variable: Typing Score

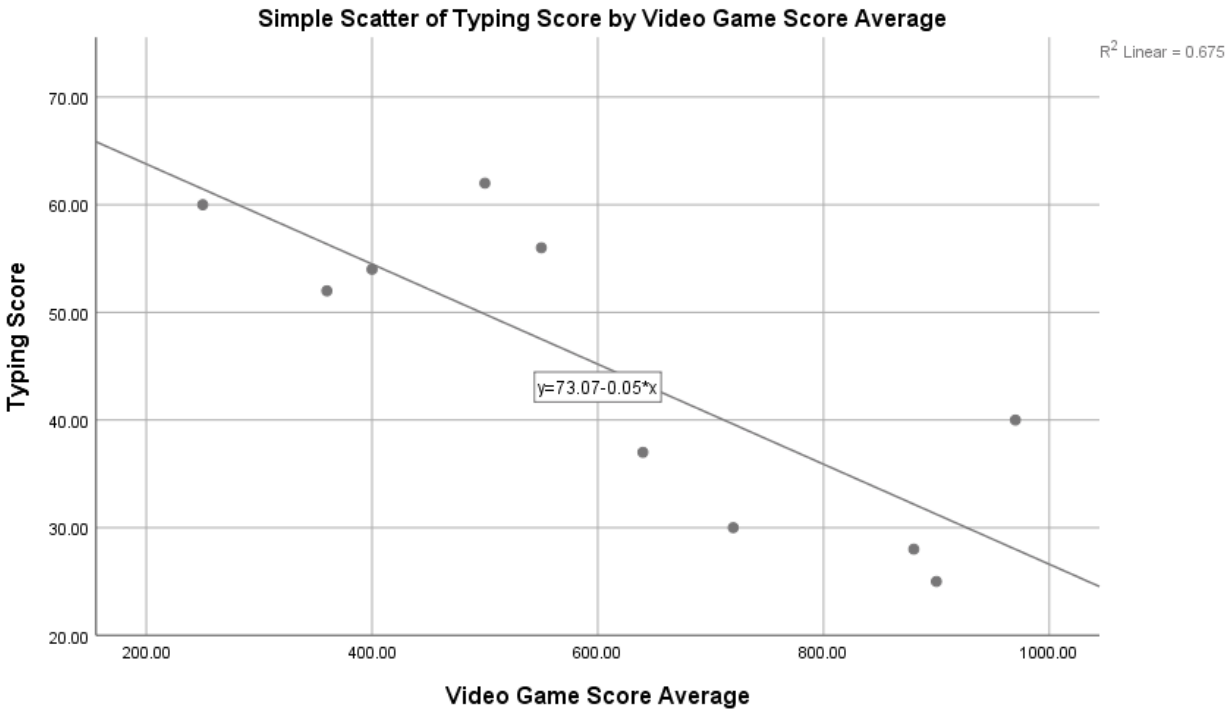
```
GET
   FILE='C:\Users\lahoz\OneDrive\Pictures\Video game score and typing.sav'.

Warning # 67.   Command name: GET FILE
The document is already in use by another user or process.   If you make
changes to the document they may overwrite changes made by others or your
changes may be overwritten by others.
File opened C:\Users\lahoz\OneDrive\Pictures\Video game score and typing.sav
DATASET NAME DataSet2 WINDOW=FRONT.
DATASET ACTIVATE DataSet1.
* Chart Builder.
GGRAPH
   /GRAPHDATASET NAME="graphdataset" VARIABLES=Game Typing MISSING=LISTWISE
REPORTMISSING=NO
   /GRAPHSPEC SOURCE=INLINE
   /FITLINE TOTAL=NO.
BEGIN GPL
   SOURCE: s=userSource(id("graphdataset"))
   DATA: Game=col(source(s), name("Game"))
   DATA: Typing=col(source(s), name("Typing"))
   GUIDE: axis(dim(1), label("Video Game Score Average"))
   GUIDE: axis(dim(2), label("Typing Score"))
   GUIDE: text.title(label("Simple Scatter of Typing Score by Video Game Score
Average"))
   ELEMENT: point(position(Game*Typing))
END GPL.
```

GGraph

Notes

Output Created		04-MAR-2023 21:31:25
Comments		
Input	Data	C:\Users\lahoz\OneDrive\Pictures\Video game score and typing.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10

Syntax		GGRAPH /GRAPHDATASET NAME="graphdataset" VARIABLES=Game Typing MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE /FITLINE TOTAL=NO. BEGIN GPL SOURCE: s=userSource(id("graphdataset")) DATA: Game=col(source(s), name("Game")) DATA: Typing=col(source(s), name("Typing")) GUIDE: axis(dim(1), label("Video Game Score Average")) GUIDE: axis(dim(2), label("Typing Score")) GUIDE: text.title(label("Simple Scatter of Typing Score by Video Game Score Average")) ELEMENT: point(position(Game*Typing)) END GPL.
Resources	Processor Time	00:00:01.94
	Elapsed Time	00:00:01.59



4.a. Is the relationship statistically significant? yes

b. Is the relationship direct or inverse? direct

c. Is the relationship perfect? yes

d. Is the relationship linear? no

e. What percent of the variation in Typing score is explained by the variation in the video game score averages? 73

5. Given the regression equation, how many words per minute would a person type who possessed a game score average of 570? Around 60wpm