Carlina E. Lahoz- Ogando
EDG500 Educational Research and Statistics
Professor Bennett Schephen
February 18, 2023
Chapter 9 Excersise

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

SAVE OUTFILE='C:\Users\lahoz\OneDrive\Documents\Word Typed and success.sav'
  /COMPRESSED.
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=Words Success MISSING=LISTWISE REPORTMISSING=NO
  /GRAPHSPEC SOURCE=INLINE
  /FITLINE TOTAL=NO.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: Words=col(source(s), name("Words"))
  DATA: Success=col(source(s), name("Success"))
  GUIDE: axis(dim(1), label("Words Typed per Minutes"))
  GUIDE: axis(dim(2), label("Success on the Job"))
  GUIDE: text.title(label("Simple Scatter of Success on the Job by Words Typed per Minutes"))
  ELEMENT: point(position(Words*Success))
END GPL.
```

Variable View:

Words	Numeric	8	2	Words Typed per Minutes	None	None	8	Right	Scale	Input
Success	Numeric	8	2	Success on the Job	None	None	8	Right	Scale	Input

Data View:

1	30.00	1.00
2	44.00	3.00
3	60.00	7.00
4	65.00	9.00
5	50.00	8.00
6	55.00	4.00
7	53.00	3.00
8	44.00	4.00
9	35.00	2.00
10	31.00	4.00
11	44.00	5.00
12	53.00	6.00
13	61.00	9.00
14	40.00	4.00
15	52.00	6.00
16	53.00	5.00
17	50.00	8.00

18	33.00	4.00
19	52.00	7.00
20	45.00	5.00

GGraph

Notes

Output Created		18-FEB-2023 15:05:52
Comments		
Input	Data	C:\Users\lahoz\OneDrive\ Documents\Word Typed and success.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20

Syntax		GGRAPH
		  /GRAPHDATASET
		NAME="graphdataset"
		VARIABLES=Words Success
		MISSING=LISTWISE
		REPORTMISSING=NO
		  /GRAPHSPEC
		SOURCE=INLINE
		  /FITLINE TOTAL=NO.
		BEGIN GPL
		  SOURCE:
		s=userSource(id("graphdataset")
		)
		  DATA: Words=col(source(s),
		name("Words"))
		  DATA: Success=col(source(s),
		name("Success"))
		  GUIDE: axis(dim(1),
		label("Words Typed per
		Minutes"))
		  GUIDE: axis(dim(2),
		label("Success on the Job"))
		  GUIDE: text.title(label("Simple
		Scatter of Success on the Job by
		Words Typed per Minutes"))
		  ELEMENT:
		point(position(Words*Success))
		END GPL.

Resources	Processor Time	00:00:02.17
	Elapsed Time	00:00:02.37

[DataSet1] C:\Users\lahoz\OneDrive\Documents\Word Typed and success.sav

Simple Scatter of Success on the Job by Words Typed per Minutes
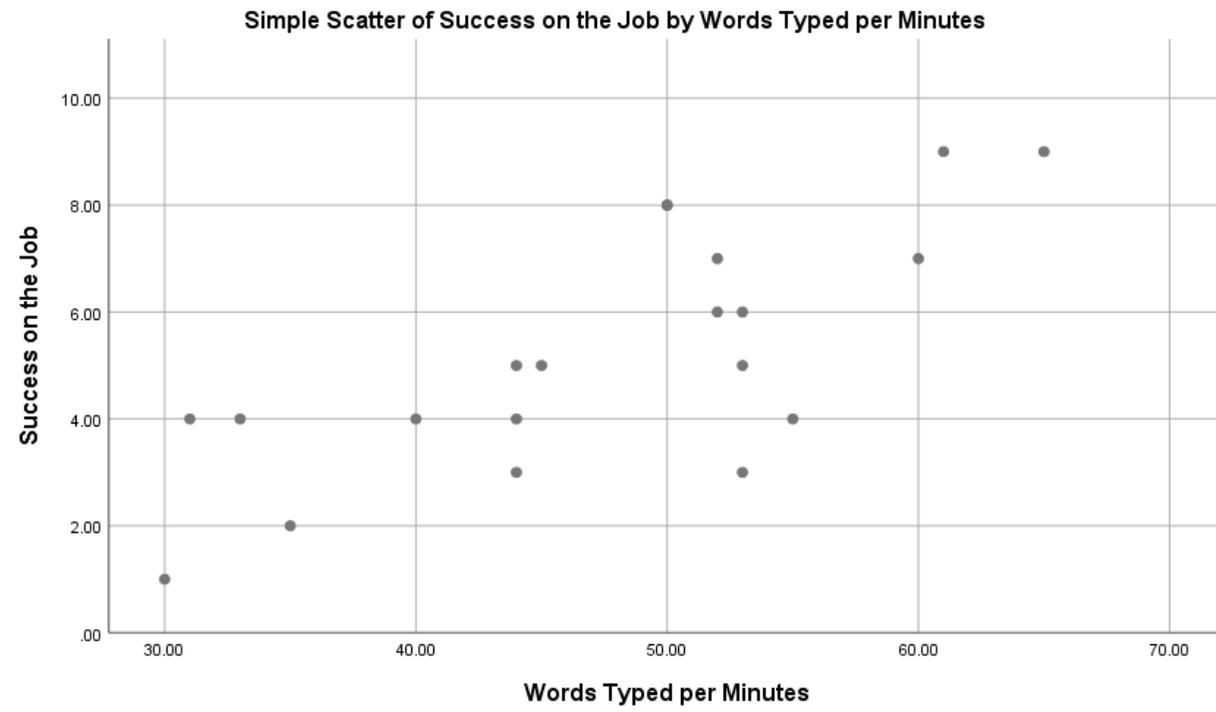
a. Is the relationship perfect or inverse? Inverse
b. Is the relationship perfect? no
c. Is the relationship strong? yes
d. Is the relationship linear? No it is curvilinear