T-Test

Notes

Output Created		07-OCT-2017 10:45:19
Comments		
Input	Data	C:\Users\rhbru\Desktop\Stats on SPSS\Errors_X_Machine_X_MFR.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	40
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST GROUPS=Machine(0 1) /MISSING=ANALYSIS /VARIABLES=Errors /CRITERIA=CI(.95).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.07

Group Statistics

	Machine Brand	N	Mean	Std. Deviation	Std. Error Mean
Annual Errors	Alpha	19	7.1579	1.74047	.39929
	Zed	21	6.6667	1.65328	.36078

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Annual Errors	Equal variances assumed	.037	.848	.915	38
	Equal variances not assumed			.913	37.120

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
Annual Errors	Equal variances assumed	.366	.49123	.53672
	Equal variances not assumed	.367	.49123	.53814

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
Annual Errors	Equal variances assumed	-.59531	1.57776
	Equal variances not assumed	-.59902	1.58148