

GET

FILE='C:\Program Files\IBM\SPSS\Statistics\19\Samples\English\Employee data.s
DATASET NAME DataSet1 WINDOW=FRONT.

T-TEST

/TESTVAL=32000
/MISSING=ANALYSIS
/VARIABLES=salary
/CRITERIA=CI(.95).

T-Test

[DataSet1] C:\Program Files\IBM\SPSS\Statistics\19\Samples\English\Employee data.sav

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Current Salary	474	\$34,419.57	\$17,075.661	\$784.311

One-Sample Test

	Test Value = 32000			
	t	df	Sig. (2-tailed)	Mean Difference
Current Salary	3,085	473	,002	\$2,419.568

One-Sample Test

	Test Value = 32000	
	95% Confidence Interval of the Difference	
	Lower	Upper
Current Salary	\$878.40	\$3,960.73

T-TEST GROUPS=gender('f' 'm')

/MISSING=ANALYSIS
/VARIABLES=salary
/CRITERIA=CI(.95).

T-Test

[DataSet1] C:\Program Files\IBM\SPSS\Statistics\19\Samples\English\Employee data.sav

Group Statistics

	Gender	N	Mean	Std. Deviation	Std. Error Mean
Current Salary	Female	216	\$26,031.92	\$7,558.021	\$514.258
	Male	258	\$41,441.78	\$19,499.214	\$1,213.968

Independent Samples Test

		Levene's Test for Equality of Variances	
		F	Sig.
Current Salary	Equal variances assumed	119,669	,000
	Equal variances not assumed		

Independent Samples Test

		t-test for Equality of Means			
		t	df	Sig. (2-tailed)	Mean Difference
Current Salary	Equal variances assumed	-10,945	472	,000	\$-15,409.862
	Equal variances not assumed	-11,688	344,262	,000	\$-15,409.862

Independent Samples Test

		t-test for Equality of Means		
		Std. Error Difference	95% Confidence Interval of the Difference	
			Lower	Upper
Current Salary	Equal variances assumed	\$1,407.906	\$-18,176.401	\$-12,643.322
	Equal variances not assumed	\$1,318.400	\$-18,002.996	\$-12,816.728