	A	B	C	D	E	F	G	H	I	J	K	L
1	**Sex**	**Income**						t-Test: Two-Sample Assuming Equal Variances				
2	M	40.6										
3	M	54.6							*Variable 1*	*Variable 2*		
4	M	38.6						Mean	52.91	44.23		
5	M	58.2						Variance	233.13	190.18		
6	M	34.6						Observations	60	60		
7	M	42.9						Pooled Variance	211.65			
8	M	67.5						Hypothesized Mean Difference	0			
9	M	79.8						df	118			
10	M	54.4						t Stat	3.27			
11	M	47.3						P(T<=t) one-tail	0.000709735			
12	M	66.4						t Critical one-tail	1.66			
13	M	69.0						P(T<=t) two-tail	0.00141947			
14	M	62.0						t Critical two-tail	1.98			
15	M	52.5										
16	M	72.6						**Difference in means**	**8.68**			
17	M	52.4										
18	M	59.5										
19	M	59.1										
20	M	36.7										
21	M	54.6										
22	M	52.1										
23	M	49.9						The obtained independent samples under the assumptions of observations in each group are				
24	M	52.0						independent of one another, ensuring data are collected independently for each subject, Incomes in				
25	M	47.1						each group are approximately normally distributed and both groups have similar income variances the				
26	M	40.8						values for ***t = 3.267*** *with* ***118*** degrees of freedom. The associated two-tailed p- value is ***p = 0.0014*** , so				
27	M	36.5						the observed t is significant at the 1% level (two-tailed). The sample mean income for Men and Women				
28	M	57.1						were, respectively, ***52.91 and 44.23*** . The data therefore constitute strong evidence that the underlying				
29	M	54.1						mean income was greater for Men by an estimated ***52.91 - 44.23 = 8.68*** . The results strongly suggest				
30	M	32.4						from the bank cardholder data that income for males exceeds that of females.				
31	M	34.9										
32	M	64.1										
33	M	54.0										
34	M	51.5										
35	M	50.8										
36	M	45.1										
37	M	81.5										
38	M	70.4										
39	M	39.2										
40	M	45.2										
41	M	80.9										
42	M	48.6										
43	M	31.0										
44	M	32.1										
45	M	33.9										
46	M	31.3										
47	M	51.0										

	A	B	C	D	E	F	G	H	I	J	K	L
48	M	53.4										
49	M	58.3										
50	M	31.4										
51	M	56.3										
52	M	41.0										
53	M	47.9										
54	M	51.4										
55	M	33.1										
56	M	74.9										
57	M	77.2										
58	M	57.9										
59	M	80.1										
60	M	40.2										
61	M	100.9										
62	F	33.1										
63	F	35.8										
64	F	68.8										
65	F	31.6										
66	F	38.2										
67	F	42.0										
68	F	33.4										
69	F	50.3										
70	F	39.6										
71	F	30.7										
72	F	31.3										
73	F	61.3										
74	F	30.0										
75	F	38.1										
76	F	56.4										
77	F	35.7										
78	F	31.3										
79	F	40.4										
80	F	32.1										
81	F	66.4										
82	F	36.9										
83	F	35.9										
84	F	49.6										
85	F	62.8										
86	F	44.6										
87	F	32.5										
88	F	33.4										
89	F	55.3										
90	F	62.7										
91	F	54.4										
92	F	30.8										
93	F	49.1										
94	F	41.9										

	A	B	C	D	E	F	G	H	I	J	K	L
95	F	32.5										
96	F	35.2										
97	F	47.4										
98	F	60.7										
99	F	33.0										
100	F	43.3										
101	F	34.8										
102	F	36.0										
103	F	51.6										
104	F	31.9										
105	F	34.1										
106	F	78.4										
107	F	30.4										
108	F	45.3										
109	F	52.6										
110	F	30.3										
111	F	36.6										
112	F	53.1										
113	F	36.5										
114	F	37.8										
115	F	34.0										
116	F	69.3										
117	F	77.2										
118	F	32.6										
119	F	82.9										
120	F	42.3										
121	F	57.8										