

sex	smoker	day	time	size	total_bill	tip
Female	No	Sun	Dinner	2	16.99	1.01
Male	No	Sun	Dinner	3	10.34	1.66
Male	No	Sun	Dinner	3	21.01	3.5
Male	No	Sun	Dinner	2	23.68	3.31
Female	No	Sun	Dinner	4	24.59	3.61
Male	No	Sun	Dinner	4	25.29	4.71
Male	No	Sun	Dinner	2	8.77	2
Male	No	Sun	Dinner	4	26.88	3.12
Male	No	Sun	Dinner	2	15.04	1.96
Male	No	Sun	Dinner	2	14.78	3.23
Male	No	Sun	Dinner	2	10.27	1.71
Female	No	Sun	Dinner	4	35.26	5
Male	No	Sun	Dinner	2	15.42	1.57
Male	No	Sun	Dinner	4	18.43	3
Female	No	Sun	Dinner	2	14.83	3.02
Male	No	Sun	Dinner	2	21.58	3.92
Female	No	Sun	Dinner	3	10.33	1.67
Male	No	Sun	Dinner	3	16.29	3.71
Female	No	Sun	Dinner	3	16.97	3.5
Male	No	Sat	Dinner	3	20.65	3.35
Male	No	Sat	Dinner	2	17.92	4.08
Female	No	Sat	Dinner	2	20.29	2.75
Female	No	Sat	Dinner	2	15.77	2.23
Male	No	Sat	Dinner	4	39.42	7.58
Male	No	Sat	Dinner	2	19.82	3.18
Male	No	Sat	Dinner	4	17.81	2.34
Male	No	Sat	Dinner	2	13.37	2
Male	No	Sat	Dinner	2	12.69	2
Male	No	Sat	Dinner	2	21.7	4.3
Female	No	Sat	Dinner	2	19.65	3
Male	No	Sat	Dinner	2	9.55	1.45
Male	No	Sat	Dinner	4	18.35	2.5
Female	No	Sat	Dinner	2	15.06	3
Female	No	Sat	Dinner	4	20.69	2.45
Male	No	Sat	Dinner	2	17.78	3.27
Male	No	Sat	Dinner	3	24.06	3.6
Male	No	Sat	Dinner	3	16.31	2
Female	No	Sat	Dinner	3	16.93	3.07
Male	No	Sat	Dinner	3	18.69	2.31
Male	No	Sat	Dinner	3	31.27	5
Male	No	Sat	Dinner	3	16.04	2.24
Male	No	Sun	Dinner	2	17.46	2.54
Male	No	Sun	Dinner	2	13.94	3.06
Male	No	Sun	Dinner	2	9.68	1.32
Male	No	Sun	Dinner	4	30.4	5.6
Male	No	Sun	Dinner	2	18.29	3

Male	No	Sun	Dinner	2	22.23	5
Male	No	Sun	Dinner	4	32.4	6
Male	No	Sun	Dinner	3	28.55	2.05
Male	No	Sun	Dinner	2	18.04	3
Male	No	Sun	Dinner	2	12.54	2.5
Female	No	Sun	Dinner	2	10.29	2.6
Female	No	Sun	Dinner	4	34.81	5.2
Male	No	Sun	Dinner	2	9.94	1.56
Male	No	Sun	Dinner	4	25.56	4.34
Male	No	Sun	Dinner	2	19.49	3.51
Male	Yes	Sat	Dinner	4	38.01	3
Female	No	Sat	Dinner	2	26.41	1.5
Male	Yes	Sat	Dinner	2	11.24	1.76
Male	No	Sat	Dinner	4	48.27	6.73
Male	Yes	Sat	Dinner	2	20.29	3.21
Male	Yes	Sat	Dinner	2	13.81	2
Male	Yes	Sat	Dinner	2	11.02	1.98
Male	Yes	Sat	Dinner	4	18.29	3.76
Male	No	Sat	Dinner	3	17.59	2.64
Male	No	Sat	Dinner	3	20.08	3.15
Female	No	Sat	Dinner	2	16.45	2.47
Female	Yes	Sat	Dinner	1	3.07	1
Male	No	Sat	Dinner	2	20.23	2.01
Male	Yes	Sat	Dinner	2	15.01	2.09
Male	No	Sat	Dinner	2	12.02	1.97
Female	No	Sat	Dinner	3	17.07	3
Female	Yes	Sat	Dinner	2	26.86	3.14
Female	Yes	Sat	Dinner	2	25.28	5
Female	No	Sat	Dinner	2	14.73	2.2
Male	No	Sat	Dinner	2	10.51	1.25
Male	Yes	Sat	Dinner	2	17.92	3.08
Male	No	Thur	Lunch	4	27.2	4
Male	No	Thur	Lunch	2	22.76	3
Male	No	Thur	Lunch	2	17.29	2.71
Male	Yes	Thur	Lunch	2	19.44	3
Male	No	Thur	Lunch	2	16.66	3.4
Female	No	Thur	Lunch	1	10.07	1.83
Male	Yes	Thur	Lunch	2	32.68	5
Male	No	Thur	Lunch	2	15.98	2.03
Female	No	Thur	Lunch	4	34.83	5.17
Male	No	Thur	Lunch	2	13.03	2
Male	No	Thur	Lunch	2	18.28	4
Male	No	Thur	Lunch	2	24.71	5.85
Male	No	Thur	Lunch	2	21.16	3
Male	Yes	Fri	Dinner	2	28.97	3
Male	No	Fri	Dinner	2	22.49	3.5
Female	Yes	Fri	Dinner	2	5.75	1

Female	Yes	Fri	Dinner	2	16.32	4.3
Female	No	Fri	Dinner	2	22.75	3.25
Male	Yes	Fri	Dinner	4	40.17	4.73
Male	Yes	Fri	Dinner	2	27.28	4
Male	Yes	Fri	Dinner	2	12.03	1.5
Male	Yes	Fri	Dinner	2	21.01	3
Male	No	Fri	Dinner	2	12.46	1.5
Female	Yes	Fri	Dinner	2	11.35	2.5
Female	Yes	Fri	Dinner	2	15.38	3
Female	Yes	Sat	Dinner	3	44.3	2.5
Female	Yes	Sat	Dinner	2	22.42	3.48
Female	No	Sat	Dinner	2	20.92	4.08
Male	Yes	Sat	Dinner	2	15.36	1.64
Male	Yes	Sat	Dinner	2	20.49	4.06
Male	Yes	Sat	Dinner	2	25.21	4.29
Male	No	Sat	Dinner	2	18.24	3.76
Female	Yes	Sat	Dinner	2	14.31	4
Male	No	Sat	Dinner	2	14	3
Female	No	Sat	Dinner	1	7.25	1
Male	No	Sun	Dinner	3	38.07	4
Male	No	Sun	Dinner	2	23.95	2.55
Female	No	Sun	Dinner	3	25.71	4
Female	No	Sun	Dinner	2	17.31	3.5
Male	No	Sun	Dinner	4	29.93	5.07
Female	No	Thur	Lunch	2	10.65	1.5
Female	No	Thur	Lunch	2	12.43	1.8
Female	No	Thur	Lunch	4	24.08	2.92
Male	No	Thur	Lunch	2	11.69	2.31
Female	No	Thur	Lunch	2	13.42	1.68
Male	No	Thur	Lunch	2	14.26	2.5
Male	No	Thur	Lunch	2	15.95	2
Female	No	Thur	Lunch	2	12.48	2.52
Female	No	Thur	Lunch	6	29.8	4.2
Male	No	Thur	Lunch	2	8.52	1.48
Female	No	Thur	Lunch	2	14.52	2
Female	No	Thur	Lunch	2	11.38	2
Male	No	Thur	Lunch	3	22.82	2.18
Male	No	Thur	Lunch	2	19.08	1.5
Female	No	Thur	Lunch	2	20.27	2.83
Female	No	Thur	Lunch	2	11.17	1.5
Female	No	Thur	Lunch	2	12.26	2
Female	No	Thur	Lunch	2	18.26	3.25
Female	No	Thur	Lunch	2	8.51	1.25
Female	No	Thur	Lunch	2	10.33	2
Female	No	Thur	Lunch	2	14.15	2
Male	Yes	Thur	Lunch	2	16	2
Female	No	Thur	Lunch	2	13.16	2.75

Female	No	Thur	Lunch	2	17.47	3.5
Male	No	Thur	Lunch	6	34.3	6.7
Male	No	Thur	Lunch	5	41.19	5
Female	No	Thur	Lunch	6	27.05	5
Female	No	Thur	Lunch	2	16.43	2.3
Female	No	Thur	Lunch	2	8.35	1.5
Female	No	Thur	Lunch	3	18.64	1.36
Female	No	Thur	Lunch	2	11.87	1.63
Male	No	Thur	Lunch	2	9.78	1.73
Male	No	Thur	Lunch	2	7.51	2
Male	No	Sun	Dinner	2	14.07	2.5
Male	No	Sun	Dinner	2	13.13	2
Male	No	Sun	Dinner	3	17.26	2.74
Male	No	Sun	Dinner	4	24.55	2
Male	No	Sun	Dinner	4	19.77	2
Female	No	Sun	Dinner	5	29.85	5.14
Male	No	Sun	Dinner	6	48.17	5
Female	No	Sun	Dinner	4	25	3.75
Female	No	Sun	Dinner	2	13.39	2.61
Male	No	Sun	Dinner	4	16.49	2
Male	No	Sun	Dinner	4	21.5	3.5
Male	No	Sun	Dinner	2	12.66	2.5
Female	No	Sun	Dinner	3	16.21	2
Male	No	Sun	Dinner	2	13.81	2
Female	Yes	Sun	Dinner	2	17.51	3
Male	No	Sun	Dinner	3	24.52	3.48
Male	No	Sun	Dinner	2	20.76	2.24
Male	No	Sun	Dinner	4	31.71	4.5
Female	Yes	Sat	Dinner	2	10.59	1.61
Female	Yes	Sat	Dinner	2	10.63	2
Male	Yes	Sat	Dinner	3	50.81	10
Male	Yes	Sat	Dinner	2	15.81	3.16
Male	Yes	Sun	Dinner	2	7.25	5.15
Male	Yes	Sun	Dinner	2	31.85	3.18
Male	Yes	Sun	Dinner	2	16.82	4
Male	Yes	Sun	Dinner	2	32.9	3.11
Male	Yes	Sun	Dinner	2	17.89	2
Male	Yes	Sun	Dinner	2	14.48	2
Female	Yes	Sun	Dinner	2	9.6	4
Male	Yes	Sun	Dinner	2	34.63	3.55
Male	Yes	Sun	Dinner	4	34.65	3.68
Male	Yes	Sun	Dinner	2	23.33	5.65
Male	Yes	Sun	Dinner	3	45.35	3.5
Male	Yes	Sun	Dinner	4	23.17	6.5
Male	Yes	Sun	Dinner	2	40.55	3
Male	No	Sun	Dinner	5	20.69	5
Female	Yes	Sun	Dinner	3	20.9	3.5

Male	Yes	Sun	Dinner	5	30.46	2
Female	Yes	Sun	Dinner	3	18.15	3.5
Male	Yes	Sun	Dinner	3	23.1	4
Male	Yes	Sun	Dinner	2	15.69	1.5
Female	Yes	Thur	Lunch	2	19.81	4.19
Male	Yes	Thur	Lunch	2	28.44	2.56
Male	Yes	Thur	Lunch	2	15.48	2.02
Male	Yes	Thur	Lunch	2	16.58	4
Male	No	Thur	Lunch	2	7.56	1.44
Male	Yes	Thur	Lunch	2	10.34	2
Female	Yes	Thur	Lunch	4	43.11	5
Female	Yes	Thur	Lunch	2	13	2
Male	Yes	Thur	Lunch	2	13.51	2
Male	Yes	Thur	Lunch	3	18.71	4
Female	Yes	Thur	Lunch	2	12.74	2.01
Female	Yes	Thur	Lunch	2	13	2
Female	Yes	Thur	Lunch	2	16.4	2.5
Male	Yes	Thur	Lunch	4	20.53	4
Female	Yes	Thur	Lunch	3	16.47	3.23
Male	Yes	Sat	Dinner	3	26.59	3.41
Male	Yes	Sat	Dinner	4	38.73	3
Male	Yes	Sat	Dinner	2	24.27	2.03
Female	Yes	Sat	Dinner	2	12.76	2.23
Male	Yes	Sat	Dinner	3	30.06	2
Male	Yes	Sat	Dinner	4	25.89	5.16
Male	No	Sat	Dinner	4	48.33	9
Female	Yes	Sat	Dinner	2	13.27	2.5
Female	Yes	Sat	Dinner	3	28.17	6.5
Female	Yes	Sat	Dinner	2	12.9	1.1
Male	Yes	Sat	Dinner	5	28.15	3
Male	Yes	Sat	Dinner	2	11.59	1.5
Male	Yes	Sat	Dinner	2	7.74	1.44
Female	Yes	Sat	Dinner	4	30.14	3.09
Male	Yes	Fri	Lunch	2	12.16	2.2
Female	Yes	Fri	Lunch	2	13.42	3.48
Male	Yes	Fri	Lunch	1	8.58	1.92
Female	No	Fri	Lunch	3	15.98	3
Male	Yes	Fri	Lunch	2	13.42	1.58
Female	Yes	Fri	Lunch	2	16.27	2.5
Female	Yes	Fri	Lunch	2	10.09	2
Male	No	Sat	Dinner	4	20.45	3
Male	No	Sat	Dinner	2	13.28	2.72
Female	Yes	Sat	Dinner	2	22.12	2.88
Male	Yes	Sat	Dinner	4	24.01	2
Male	Yes	Sat	Dinner	3	15.69	3
Male	No	Sat	Dinner	2	11.61	3.39
Male	No	Sat	Dinner	2	10.77	1.47

Male	Yes	Sat	Dinner	2	15.53	3
Male	No	Sat	Dinner	2	10.07	1.25
Male	Yes	Sat	Dinner	2	12.6	1
Male	Yes	Sat	Dinner	2	32.83	1.17
Female	No	Sat	Dinner	3	35.83	4.67
Male	No	Sat	Dinner	3	29.03	5.92
Female	Yes	Sat	Dinner	2	27.18	2
Male	Yes	Sat	Dinner	2	22.67	2
Male	No	Sat	Dinner	2	17.82	1.75
Female	No	Thur	Dinner	2	18.78	3