## Sample

2023-09-04

## Source file is from kaggle(https://www.kaggle.com/datasets/jsphyg/tipping (https://www.kaggle.com/datasets/jsphyg/tipping))

```
Test<-read.csv("tips.csv")
head (Test)
       total bill tip sex smoker day time size
           16.99 1.01 Female No Sun Dinner

      10.34 1.66
      Male
      No Sun Dinner
      3

      21.01 3.50
      Male
      No Sun Dinner
      3

## 2
## 3

      23.68 3.31
      Male
      No Sun Dinner
      2

      24.59 3.61
      Female
      No Sun Dinner
      4

      25.29 4.71
      Male
      No Sun Dinner
      4

## 6
summary(Test$tip)
       Min. 1st Qu. Median Mean 3rd Qu.
##
                                                                 Max.
     1.000 2.000 2.900 2.998 3.562 10.000
table (Test$sex)
##
## Female
               Male
       87 157
library(dplyr)
## Attaching package: 'dplyr'
## The following objects are masked from 'package:stats':
##
##
          filter, lag
```

```
## The following objects are masked from 'package:base':
##
## intersect, setdiff, setequal, union

Test filter <- filter(Test,tip>1.00)
```

```
Test_filter <- filter(Test,tip>1.00)
print(Test_filter)
```

##		total bill	tip	sex	smoker	day	time	size
##		_ 16.99					Dinner	2
##		10.34				Sun	Dinner	3
##		21.01					Dinner	
##				Male			Dinner	
##		24.59					Dinner	
##		25.29			No		Dinner	
##		8.77					Dinner	
	8	26.88					Dinner	
	9						Dinner	
	10			Male	No		Dinner	
	11			Male			Dinner	
	12			Female			Dinner	
	13							
		15.42			No No		Dinner	
	14			Male			Dinner	
	15			Female			Dinner	
	16			Male			Dinner	
	17			Female			Dinner	
	18			Male			Dinner	
	19			Female			Dinner	
	20			Male			Dinner	
	21			Male			Dinner	
	22			Female			Dinner	
	23			Female		Sat	Dinner	2
	24	39.42	7.58	Male	No	Sat	Dinner	4
##	25	19.82	3.18	Male	No	Sat	Dinner	2
##	26	17.81	2.34	Male	No	Sat	Dinner	4
##	27	13.37	2.00	Male	No	Sat	Dinner	2
##	28	12.69	2.00	Male	No	Sat	Dinner	2
##	29	21.70	4.30	Male	No	Sat	Dinner	2
##	30	19.65	3.00	Female	No	Sat	Dinner	2
##	31	9.55	1.45	Male	No	Sat	Dinner	2
	32	18.35	2.50	Male	No	Sat	Dinner	4
##	33	15.06	3.00	Female	No	Sat	Dinner	2
	34			Female	No	Sat	Dinner	
	35	17.78	3.27		No		Dinner	
	36	24.06			No		Dinner	
	37	16.31			No		Dinner	
	38			Female	No		Dinner	
	39	18.69	2.31	Male	No		Dinner	
##	40	31.27	5.00	Male	No		Dinner	
##								
		16.04	2.24	Male	No		Dinner	
##	42	17.46	2.54	Male	No		Dinner	
##	43	13.94	3.06	Male	No		Dinner	
##	44	9.68	1.32	Male	No		Dinner	
##	45	30.40	5.60	Male	No		Dinner	4
##	46	18.29	3.00	Male	No		Dinner	
##	47	22.23	5.00	Male	No		Dinner	
##	48	32.40	6.00	Male	No		Dinner	
##	49	28.55	2.05	Male	No	Sun	Dinner	3

## ## ## ##	50							
##		18.04	3.00	Male	No	Sun	Dinner	2
##	51	12.54	2.50	Male	No	Sun	Dinner	2
	52	10.29	2.60	Female	No	Sun	Dinner	2
##	53	34.81	5.20	Female	No	Sun	Dinner	4
##	54	9.94	1.56	Male	No	Sun	Dinner	2
##	55	25.56	4.34	Male	No	Sun	Dinner	4
##	56	19.49	3.51	Male	No	Sun	Dinner	2
##	57	38.01	3.00	Male	Yes	Sat	Dinner	4
##	58	26.41	1.50	Female	No	Sat	Dinner	2
##	59	11.24	1.76	Male	Yes	Sat	Dinner	2
##	60	48.27	6.73	Male	No	Sat	Dinner	4
##	61	20.29	3.21	Male	Yes	Sat	Dinner	2
##	62	13.81	2.00	Male	Yes	Sat	Dinner	2
##	63	11.02	1.98	Male	Yes	Sat	Dinner	2
##	64	18.29	3.76	Male	Yes	Sat	Dinner	4
##	65	17.59	2.64	Male	No	Sat	Dinner	3
##	66	20.08	3.15	Male	No	Sat	Dinner	3
##	67	16.45	2.47	Female	No	Sat	Dinner	2
##	68	20.23	2.01	Male	No	Sat	Dinner	2
##	69	15.01	2.09	Male	Yes	Sat	Dinner	2
##	70	12.02	1.97	Male	No	Sat	Dinner	2
##	71	17.07		Female	No	Sat	Dinner	3
##	72	26.86	3.14	Female	Yes	Sat	Dinner	2
##	73	25.28	5.00	Female	Yes	Sat	Dinner	2
##	74	14.73	2.20	Female	No	Sat	Dinner	2
##	75	10.51	1.25	Male	No	Sat	Dinner	2
##	76	17.92	3.08	Male	Yes	Sat	Dinner	2
##	77	27.20	4.00	Male	No	Thur	Lunch	4
##	78	22.76	3.00	Male	No	Thur		2
##	79	17.29	2.71	Male	No	Thur	Lunch	2
##	80	19.44	3.00	Male		Thur		2
##	81	16.66	3.40	Male	No	Thur	Lunch	2
##	82	10.07	1 03	- 1				
			1.00	Female.	No	Thur	Lunch	1
##	83	32.68		Male		Thur Thur		
	83		5.00		Yes	Thur	Lunch	2
	84	15.98	5.00 2.03	Male	Yes No	Thur Thur		2
##	84 85	15.98	5.00 2.03 5.17	Male Male Female	Yes No No	Thur Thur	Lunch Lunch Lunch	2 2 4
##	84 85	15.98 34.83	5.00 2.03 5.17 2.00	Male Male Female Male	Yes No No	Thur Thur Thur	Lunch Lunch Lunch Lunch	2 2 4 2
## ## ##	8 4 8 5 8 6	15.98 34.83 13.03	5.00 2.03 5.17 2.00 4.00	Male Male Female Male Male	Yes No No No	Thur Thur Thur Thur Thur	Lunch Lunch Lunch Lunch	2 2 4 2 2
## ## ## ##	84 85 86 87	15.98 34.83 13.03 18.28	5.00 2.03 5.17 2.00 4.00 5.85	Male Male Female Male Male	Yes No No No No	Thur Thur Thur Thur Thur Thur	Lunch Lunch Lunch Lunch	2 2 4 2 2 2
## ## ## ##	84 85 86 87 88	15.98 34.83 13.03 18.28 24.71 21.16	5.00 2.03 5.17 2.00 4.00 5.85 3.00	Male Male Female Male Male	Yes No No No No No No	Thur Thur Thur Thur Thur Thur	Lunch Lunch Lunch Lunch Lunch	2 2 4 2 2 2 2
## ## ## ##	84 85 86 87 88 89	15.98 34.83 13.03 18.28 24.71 21.16 28.97	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.00	Male Male Female Male Male Male Male	Yes No No No No No No Yes	Thur Thur Thur Thur Thur Thur Thur Fri	Lunch Lunch Lunch Lunch Lunch Lunch Lunch	2 4 2 2 2 2 2
## ## ## ## ##	84 85 86 87 88 89	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.00 3.50	Male Male Female Male Male Male Male Male	Yes No No No No No Yes	Thur Thur Thur Thur Thur Thur Thur Fri Fri	Lunch Lunch Lunch Lunch Lunch Lunch Dinner	2 2 4 2 2 2 2 2 2 2
## ## ## ## ## ##	84 85 86 87 88 89 90	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.00 3.50 4.30	Male Male Female Male Male Male Male Male Male	Yes No No No No No No No No Yes	Thur Thur Thur Thur Thur Thur Thur Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Lunch Dinner	2 2 4 2 2 2 2 2 2 2 2 2
## ## ## ## ## ##	84 85 86 87 88 89 90 91	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.50 4.30 3.25	Male Male Female Male Male Male Male Male Female	Yes No No No No No No Yes No	Thur Thur Thur Thur Thur Thur Fri Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Lunch Dinner Dinner	2 2 4 2 2 2 2 2 2 2 2 2 2
## ## ## ## ## ##	84 85 86 87 88 89 90 91 92	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32 22.75 40.17	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.50 4.30 3.25 4.73	Male Male Female Male Male Male Male Male Female	Yes No No No No No No Yes No Yes No Yes	Thur Thur Thur Thur Thur Thur Fri Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Dinner Dinner Dinner Dinner	2 2 4 2 2 2 2 2 2 2 2 2 4
## ## ## ## ## ##	84 85 86 87 88 89 90 91 92 93 94	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32 22.75 40.17 27.28	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.50 4.30 3.25 4.73 4.00	Male Male Female Male Male Male Male Male Female Female Male	Yes No No No No No No Yes No Yes Yes Yes	Thur Thur Thur Thur Thur Thur Fri Fri Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Dinner Dinner Dinner Dinner Dinner	2 2 4 2 2 2 2 2 2 2 2 2 2 2 4 2 2 2 2 2
## ## ## ## ## ## ##	84 85 86 87 88 89 90 91 92 93 94 95	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32 22.75 40.17 27.28 12.03	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.50 4.30 3.25 4.73 4.00 1.50	Male Male Female Male Male Male Male Male Female Female Male Male	Yes No No No No No Yes No Yes Yes Yes Yes	Thur Thur Thur Thur Thur Thur Fri Fri Fri Fri Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Dinner Dinner Dinner Dinner Dinner Dinner	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
# # # # # # # # # # # # # # # # # # #	84 85 86 87 88 89 90 91 92 93 94 95 96	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32 22.75 40.17 27.28 12.03 21.01	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.50 4.30 3.25 4.73 4.00 1.50 3.00	Male Male Female Male Male Male Male Male Female Female Male Male	Yes No No No No No Yes No Yes Yes Yes Yes Yes	Thur Thur Thur Thur Thur Thur Fri Fri Fri Fri Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Dinner Dinner Dinner Dinner Dinner Dinner Dinner	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
# # # # # # # # # # # # # # # # # # #	84 85 86 87 88 89 90 91 92 93 94 95 96 97	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32 22.75 40.17 27.28 12.03 21.01 12.46	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.50 4.30 3.25 4.73 4.00 1.50	Male Male Female Male Male Male Male Male Female Female Female Male Male	Yes No No No No No No Yes No Yes Yes Yes Yes Yes	Thur Thur Thur Thur Thur Thur Fri Fri Fri Fri Fri Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Lunch Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
# # # # # # # # # # # # # # # # # # #	84 85 86 87 88 89 90 91 92 93 94 95 96 97	15.98 34.83 13.03 18.28 24.71 21.16 28.97 22.49 16.32 22.75 40.17 27.28 12.03 21.01 12.46 11.35	5.00 2.03 5.17 2.00 4.00 5.85 3.00 3.50 4.30 3.25 4.73 4.00 1.50 3.00 2.50	Male Male Female Male Male Male Male Male Male Male M	Yes No No No No No No Yes No Yes Yes Yes Yes Yes No Yes	Thur Thur Thur Thur Thur Thur Fri Fri Fri Fri Fri Fri Fri Fri Fri	Lunch Lunch Lunch Lunch Lunch Lunch Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner Dinner	2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

##	101	44.30	2.50	Female	Yes	Sat	Dinner	3
##	102	22.42	3.48	Female	Yes	Sat	Dinner	2
##	103	20.92	4.08	Female	No	Sat	Dinner	2
##	104	15.36	1.64	Male	Yes	Sat	Dinner	2
##	105	20.49	4.06	Male	Yes	Sat	Dinner	2
##	106	25.21	4.29	Male	Yes	Sat	Dinner	2
##	107	18.24	3.76	Male	No	Sat	Dinner	2
##	108	14.31	4.00	Female	Yes	Sat	Dinner	2
##	109	14.00	3.00	Male	No	Sat	Dinner	2
##	110	38.07	4.00	Male	No	Sun	Dinner	3
##	111	23.95	2.55	Male	No	Sun	Dinner	2
##	112	25.71	4.00	Female	No	Sun	Dinner	3
##	113	17.31	3.50	Female	No	Sun	Dinner	2
##	114	29.93	5.07	Male	No	Sun	Dinner	4
##	115	10.65	1.50	Female	No	Thur	Lunch	2
##	116	12.43	1.80	Female	No	Thur	Lunch	2
##	117	24.08	2.92	Female	No	Thur	Lunch	4
##	118	11.69	2.31	Male	No	Thur	Lunch	2
##	119	13.42	1.68	Female	No	Thur	Lunch	2
##	120	14.26	2.50	Male	No	Thur	Lunch	2
##	121	15.95	2.00	Male	No	Thur	Lunch	2
##	122	12.48	2.52	Female	No	Thur	Lunch	2
##	123	29.80	4.20	Female	No	Thur	Lunch	6
##	124	8.52	1.48	Male	No	Thur	Lunch	2
##	125	14.52	2.00	Female	No	Thur	Lunch	2
##	126	11.38	2.00	Female	No	Thur	Lunch	2
##	127	22.82	2.18	Male	No	Thur	Lunch	3
##	128	19.08	1.50	Male	No	Thur	Lunch	2
##	129	20.27	2.83	Female	No	Thur	Lunch	2
##	130	11.17	1.50	Female	No	Thur	Lunch	2
##	131	12.26	2.00	Female	No	Thur	Lunch	2
##	132	18.26	3.25	Female	No	Thur	Lunch	2
	133	8.51		Female		Thur	Lunch	2
##	134	10.33	2.00	Female	No	Thur	Lunch	2
##	135	14.15	2.00	Female	No	Thur	Lunch	2
##	136	16.00	2.00	Male	Yes	Thur	Lunch	2
##	137			Female		Thur	Lunch	
##	138			Female		Thur		
##	139			Male		Thur	Lunch	6
##	140			Male		Thur		
##	141			Female		Thur		
##	142	16.43	2.30	Female	No	Thur	Lunch	
##	143			Female		Thur	Lunch	2
##	144			Female		Thur		
##	145			Female		Thur		
##	146		1.73			Thur		
##	147	7.51				Thur		
##	148	14.07					Dinner	
##	149	13.13					Dinner	
##	150	17.26		Male			Dinner	
##	151	24.55	2.00	Male	No	Sun	Dinner	4

##	152	19.77	2.00	Male	No	Sun	Dinner	4
##	153	29.85	5.14	Female	No	Sun	Dinner	5
##	154	48.17	5.00	Male	No	Sun	Dinner	6
##	155	25.00	3.75	Female	No	Sun	Dinner	4
##	156	13.39	2.61	Female	No	Sun	Dinner	2
##	157	16.49	2.00	Male	No	Sun	Dinner	4
##	158	21.50	3.50	Male	No	Sun	Dinner	4
##	159	12.66	2.50	Male	No	Sun	Dinner	2
##	160	16.21	2.00	Female	No	Sun	Dinner	3
##	161	13.81	2.00	Male	No	Sun	Dinner	2
##	162	17.51	3.00	Female	Yes	Sun	Dinner	2
##	163	24.52	3.48	Male	No	Sun	Dinner	3
##	164	20.76	2.24	Male	No	Sun	Dinner	2
##	165	31.71	4.50	Male	No	Sun	Dinner	4
##	166	10.59	1.61	Female	Yes	Sat	Dinner	2
##	167	10.63	2.00	Female	Yes	Sat	Dinner	2
##	168	50.81	10.00	Male	Yes	Sat	Dinner	3
##	169	15.81	3.16	Male	Yes	Sat	Dinner	2
##	170	7.25	5.15	Male	Yes	Sun	Dinner	2
##	171	31.85	3.18	Male	Yes	Sun	Dinner	2
##	172	16.82	4.00	Male	Yes	Sun	Dinner	2
##	173	32.90	3.11	Male	Yes	Sun	Dinner	2
##	174	17.89	2.00	Male	Yes	Sun	Dinner	2
##	175	14.48	2.00	Male	Yes	Sun	Dinner	2
##	176	9.60	4.00	Female	Yes	Sun	Dinner	2
##	177	34.63	3.55	Male	Yes	Sun	Dinner	2
##	178	34.65	3.68	Male	Yes	Sun	Dinner	4
##	179	23.33	5.65	Male	Yes	Sun	Dinner	2
##	180	45.35	3.50	Male	Yes	Sun	Dinner	3
##	181	23.17	6.50	Male	Yes	Sun	Dinner	4
##	182	40.55	3.00	Male	Yes	Sun	Dinner	2
##	183	20.69	5.00	Male	No	Sun	Dinner	5
##	184	20.90	3.50	Female	Yes	Sun	Dinner	3
##	185	30.46	2.00	Male	Yes	Sun	Dinner	5
##	186	18.15	3.50	Female	Yes	Sun	Dinner	3
##	187	23.10	4.00	Male	Yes	Sun	Dinner	3
##	188	15.69	1.50	Male	Yes	Sun	Dinner	2
##	189	19.81	4.19	Female	Yes	Thur	Lunch	2
##	190	28.44	2.56	Male	Yes	Thur	Lunch	2
##	191	15.48	2.02	Male	Yes	Thur	Lunch	2
##	192	16.58	4.00	Male	Yes	Thur	Lunch	2
##	193	7.56	1.44	Male	No	Thur	Lunch	2
##	194	10.34	2.00	Male	Yes	Thur	Lunch	2
##	195	43.11	5.00	Female	Yes	Thur	Lunch	4
##	196	13.00	2.00	Female	Yes	Thur	Lunch	2
##	197	13.51	2.00	Male	Yes	Thur	Lunch	2
##	198	18.71	4.00	Male	Yes	Thur	Lunch	3
##	199	12.74	2.01	Female	Yes	Thur	Lunch	2
##	200	13.00	2.00	Female	Yes	Thur	Lunch	2
##	201	16.40	2.50	Female	Yes	Thur	Lunch	2
##	202	20.53	4.00	Male	Yes	Thur	Lunch	4

## 204	##	203	16.47	3.23	Female	Yes	Thur	Lunch	3	
## 206	##	204	26.59	3.41	Male	Yes	Sat	Dinner	3	
## 207	##	205	38.73	3.00	Male	Yes	Sat	Dinner	4	
## 208	##	206	24.27	2.03	Male	Yes	Sat	Dinner	2	
## 209	##	207	12.76	2.23	Female	Yes	Sat	Dinner	2	
## 210	##	208	30.06	2.00	Male	Yes	Sat	Dinner	3	
## 211	##	209	25.89	5.16	Male	Yes	Sat	Dinner	4	
## 212	##	210	48.33	9.00	Male	No	Sat	Dinner	4	
## 213	##	211	13.27	2.50	Female	Yes	Sat	Dinner	2	
## 214	##	212	28.17	6.50	Female	Yes	Sat	Dinner	3	
## 215	##	213	12.90	1.10	Female	Yes	Sat	Dinner	2	
## 216	##	214	28.15	3.00	Male	Yes	Sat	Dinner	5	
## 217	##	215	11.59	1.50	Male	Yes	Sat	Dinner	2	
## 218	##	216	7.74	1.44	Male	Yes	Sat	Dinner	2	
## 219	##	217	30.14	3.09	Female	Yes	Sat	Dinner	4	
## 220	##	218	12.16	2.20	Male	Yes	Fri	Lunch	2	
## 221	##	219	13.42	3.48	Female	Yes	Fri	Lunch	2	
## 222	##	220	8.58	1.92	Male	Yes	Fri	Lunch	1	
## 223	##	221	15.98	3.00	Female	No	Fri	Lunch	3	
## 224	##	222	13.42	1.58	Male	Yes	Fri	Lunch	2	
## 225	##	223	16.27	2.50	Female	Yes	Fri	Lunch	2	
## 226	##	224	10.09	2.00	Female	Yes	Fri	Lunch	2	
## 227	##	225	20.45	3.00	Male	No	Sat	Dinner	4	
## 228	##	226	13.28	2.72	Male	No	Sat	Dinner	2	
## 229	##	227	22.12	2.88	Female	Yes	Sat	Dinner	2	
## 230	##	228	24.01	2.00	Male	Yes	Sat	Dinner	4	
## 231	##	229	15.69	3.00	Male	Yes	Sat	Dinner	3	
## 232	##	230	11.61	3.39	Male	No	Sat	Dinner	2	
## 233	##	231	10.77	1.47	Male	No	Sat	Dinner	2	
## 234 32.83 1.17 Male Yes Sat Dinner 2 ## 235 35.83 4.67 Female No Sat Dinner 3 ## 236 29.03 5.92 Male No Sat Dinner 3 ## 237 27.18 2.00 Female Yes Sat Dinner 2 ## 238 22.67 2.00 Male Yes Sat Dinner 2 ## 239 17.82 1.75 Male No Sat Dinner 2	##	232	15.53	3.00	Male	Yes	Sat	Dinner	2	
## 235 35.83 4.67 Female No Sat Dinner 3 ## 236 29.03 5.92 Male No Sat Dinner 3 ## 237 27.18 2.00 Female Yes Sat Dinner 2 ## 238 22.67 2.00 Male Yes Sat Dinner 2 ## 239 17.82 1.75 Male No Sat Dinner 2	##	233	10.07	1.25	Male	No	Sat	Dinner	2	
## 236 29.03 5.92 Male No Sat Dinner 3 ## 237 27.18 2.00 Female Yes Sat Dinner 2 ## 238 22.67 2.00 Male Yes Sat Dinner 2 ## 239 17.82 1.75 Male No Sat Dinner 2	##	234	32.83	1.17	Male	Yes	Sat	Dinner	2	
## 237	##	235	35.83	4.67	Female	No	Sat	Dinner	3	
## 238 22.67 2.00 Male Yes Sat Dinner 2 ## 239 17.82 1.75 Male No Sat Dinner 2	##	236	29.03	5.92	Male	No	Sat	Dinner	3	
## 239 17.82 1.75 Male No Sat Dinner 2	##	237	27.18	2.00	Female	Yes	Sat	Dinner	2	
	##	238	22.67	2.00	Male	Yes	Sat	Dinner	2	
## 240 18.78 3.00 Female No Thur Dinner 2	##	239	17.82	1.75	Male	No	Sat	Dinner	2	
	##	240	18.78	3.00	Female	No	Thur	Dinner	2	

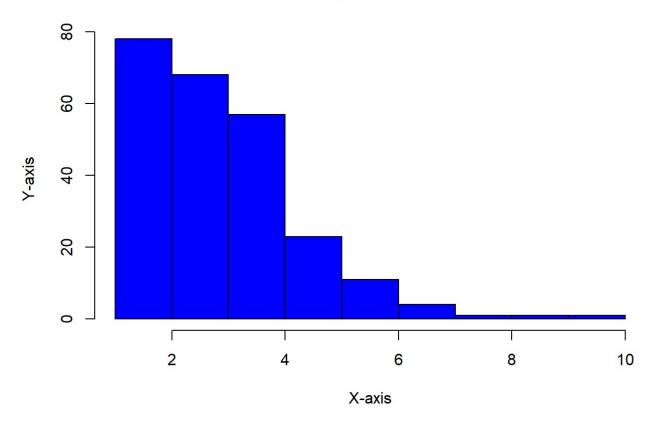
```
Test_Square <- Test$tip^2
print(Test_Square)</pre>
```

7 of 10

```
##
    [1]
        1.0201
               2.7556 12.2500 10.9561 13.0321 22.1841 4.0000 9.7344
##
   [9]
         3.8416 10.4329 2.9241 25.0000 2.4649
                                              9.0000 9.1204 15.3664
##
  [17]
       2.7889 13.7641 12.2500 11.2225 16.6464 7.5625 4.9729 57.4564
##
  [25] 10.1124
               5.4756 4.0000 4.0000 18.4900 9.0000 2.1025 6.2500
  [33]
        9.0000
               6.0025 10.6929 12.9600
                                      4.0000 9.4249
                                                     5.3361 25.0000
##
##
  [41] 5.0176
               6.4516 9.3636 1.7424 31.3600 9.0000 25.0000 36.0000
  [49] 4.2025 9.0000 6.2500 6.7600 27.0400 2.4336 18.8356 12.3201
##
       9.0000
               2.2500 3.0976 45.2929 10.3041 4.0000
                                                     3.9204 14.1376
##
  [57]
  [65] 6.9696
               9.9225 6.1009 1.0000 4.0401 4.3681 3.8809 9.0000
##
##
  [73] 9.8596 25.0000 4.8400
                              1.5625 9.4864 16.0000 9.0000 7.3441
  [81] 9.0000 11.5600 3.3489 25.0000 4.1209 26.7289 4.0000 16.0000
##
  [89] 34.2225
               9.0000 9.0000 12.2500 1.0000 18.4900 10.5625 22.3729
##
##
  [97] 16.0000
               2.2500 9.0000
                              2.2500 6.2500
                                              9.0000 6.2500 12.1104
## [105] 16.6464 2.6896 16.4836 18.4041 14.1376 16.0000 9.0000 1.0000
## [113] 16.0000 6.5025 16.0000 12.2500 25.7049 2.2500 3.2400 8.5264
               2.8224 6.2500 4.0000 6.3504 17.6400 2.1904 4.0000
## [121]
        5.3361
## [129] 4.0000 4.7524 2.2500 8.0089 2.2500 4.0000 10.5625 1.5625
## [137] 4.0000 4.0000 4.0000 7.5625 12.2500 44.8900 25.0000 25.0000
## [145] 5.2900 2.2500 1.8496 2.6569 2.9929 4.0000 6.2500 4.0000
## [153] 7.5076 4.0000 4.0000 26.4196 25.0000 14.0625 6.8121 4.0000
## [161] 12.2500
               6.2500 4.0000
                              4.0000
                                      9.0000 12.1104 5.0176 20.2500
## [169] 2.5921 4.0000 100.0000
                              9.9856 26.5225 10.1124 16.0000 9.6721
               4.0000 16.0000 12.6025 13.5424 31.9225 12.2500 42.2500
## [177] 4.0000
## [185] 9.0000 25.0000 12.2500 4.0000 12.2500 16.0000 2.2500 17.5561
## [193] 6.5536
               4.0804 16.0000 2.0736 4.0000 25.0000 4.0000 4.0000
## [201] 16.0000
               4.0401 4.0000
                              6.2500 16.0000 10.4329 11.6281 9.0000
               4.9729 4.0000 26.6256 81.0000 6.2500 42.2500 1.2100
## [209] 4.1209
## [217] 9.0000 2.2500 2.0736 9.5481 4.8400 12.1104 3.6864 9.0000
## [225] 2.4964
               6.2500 4.0000
                               9.0000 7.3984 8.2944 4.0000 9.0000
## [233] 11.4921
               2.1609 9.0000 1.5625
                                       1.0000 1.3689 21.8089 35.0464
                               9.0000
## [241] 4.0000
               4.0000 3.0625
```

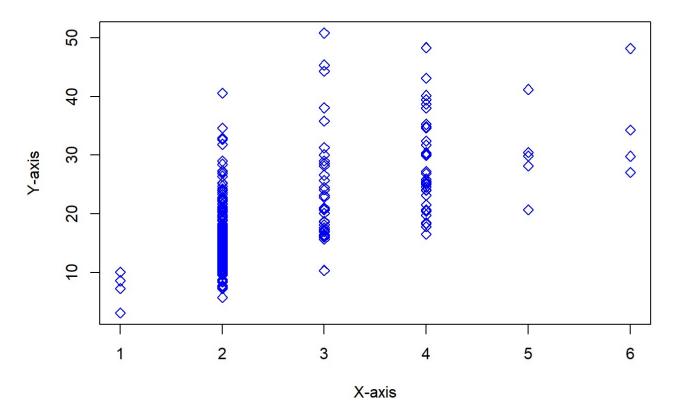
hist(Test\$tip, main="Plot of One quantitative variable", xlab="X-axis", ylab="Y-axis", col="Blue")

## Plot of One quantitative variable



plot(Test\$size, Test\$total\_bill, main="Scatterplot of shipping time v/s shipping cos
t", xlab="X-axis", ylab="Y-axis", pch=5, col="Blue")

## Scatterplot of shipping time v/s shipping cost



10 of 10