## Untitled

### R Markdown

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When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this: install.packages("dplyr") library(dplyr)

getwd()

setwd("/Users/ishika/Documents/GitHub/64060\_-inisha") # to set working directory.

```
getwd() #To check present working directory
```

## [1] "/Users/ishika/Documents/GitHub/64060\_-inisha"

##		Region	Country
##	1	Europe	Russia
##	2	Sub-Saharan Africa	Rwanda
##	3	Australia and Oceania	Australia
##	4	Asia	Brunei
##	5	Europe	Bulgaria
##	6	Sub-Saharan Africa	Mauritania
##	7	Sub-Saharan Africa	Sierra Leone
##	8	Sub-Saharan Africa	Cameroon
##	9	Europe	Lithuania
##	10	Asia	Turkmenistan
##	11	Sub-Saharan Africa	Sierra Leone
##	12	Middle East and North Africa	Azerbaijan
##	13	Sub-Saharan Africa	Angola
##	14	Central America and the Caribbean	Honduras
##	15	Asia	Turkmenistan
##	16	Sub-Saharan Africa	The Gambia
##	17	Asia	Myanmar
##	18	Europe	United Kingdom
##	19	North America	Mexico
##	20	Europe	Spain
##	21	Sub-Saharan Africa	Mozambique
##	22	Australia and Oceania	East Timor
##	23	Sub-Saharan Africa	The Gambia
##	24	Asia	Sri Lanka
##	25	Europe	France

##		Europe	Switzerland
	27	Middle East and North Africa	Azerbaijan
	28	Europe	Iceland
	29	Europe	Austria
	30	Sub-Saharan Africa	Djibouti
	31	Central America and the Caribbean	Haiti
	32	Sub-Saharan Africa	Rwanda
	33	Middle East and North Africa	Pakistan
	34	Australia and Oceania	Samoa
	35	Middle East and North Africa	Iran
	36	Europe	Romania
	37	Australia and Oceania	Tuvalu
	38	Australia and Oceania	Solomon Islands
	39	Europe	Norway
	40	Europe	Portugal
	41	Europe	San Marino
	42	Europe	Monaco
	43	Sub-Saharan Africa	The Gambia
	44	Central America and the Caribbean	Grenada
	45	Sub-Saharan Africa	Senegal
##		Sub-Saharan Africa	The Gambia
##		Sub-Saharan Africa	Comoros
	48	Middle East and North Africa	Saudi Arabia
	49 50	Australia and Oceania Sub-Saharan Africa	Australia
	51	Central America and the Caribbean	Djibouti Honduras
	52	Sub-Saharan Africa	Djibouti
##		Sub-Saharan Africa	Zambia
	54	Sub-Saharan Africa	Burkina Faso
	55	Asia	Kyrgyzstan
##	56	Europe	Slovakia
##	57	Asia	Laos
##	58	Sub-Saharan Africa	Kenya
##	59	Sub-Saharan Africa	Sierra Leone
##	60	Sub-Saharan Africa	Republic of the Congo
##	61	Asia	Mongolia
##	62	Europe	Moldova
##	63	Sub-Saharan Africa	South Sudan
##	64	Central America and the Caribbean	Costa Rica
##	65	Sub-Saharan Africa	Niger
##	66	Europe	Switzerland
##	67	Sub-Saharan Africa	Gabon
##	68	North America	Mexico
##	69	North America	Mexico
##	70	Sub-Saharan Africa	Cape Verde
##	71	Asia	Bangladesh
##	72	Europe	Bulgaria
##	73	Asia	Myanmar
##		Europe	Macedonia
	75	Europe	Albania
	76	Sub-Saharan Africa	Cote d'Ivoire
	77	Australia and Oceania	Fiji
	78 70	Middle East and North Africa	Libya
##	79	Central America and the Caribbean	Belize

```
## 80
                       Sub-Saharan Africa
                                                                   Madagascar
##
  81
            Middle East and North Africa
                                                                      Lebanon
## 82
                       Sub-Saharan Africa
                                                                         Mali
## 83
                       Sub-Saharan Africa
                                                                     Cameroon
## 84
                                    Europe
                                                                       Norway
##
  85
                       Sub-Saharan Africa Democratic Republic of the Congo
## 86
                    Australia and Oceania
                                              Federated States of Micronesia
## 87
                       Sub-Saharan Africa
                                                       Sao Tome and Principe
## 88
                                    Europe
                                                                     Slovenia
## 89
                    Australia and Oceania
                                                                    Australia
  90
       Central America and the Caribbean
                                                                    Nicaragua
## 91
                       Sub-Saharan Africa
                                                       Sao Tome and Principe
  92
##
                    Australia and Oceania
                                                                  New Zealand
## 93
                    Australia and Oceania
                                                                     Kiribati
## 94
                       Sub-Saharan Africa
                                                                         Mali
## 95
            Middle East and North Africa
                                                                        Syria
##
  96
                       Sub-Saharan Africa
                                                                      Lesotho
## 97
                       Sub-Saharan Africa
                                                       Sao Tome and Principe
## 98
            Middle East and North Africa
                                                                        Libya
            Middle East and North Africa
## 99
                                                                       Kuwait
##
   100
                                                                     Malaysia
##
             Item. Type Sales. Channel Order. Priority Order. Date Order. ID Ship. Date
## 1
       Office Supplies
                                                     L
                                                           5/2/14 341417157
                                                                                 5/8/14
                               Offline
##
       Office Supplies
                               Offline
                                                     L
                                                            2/1/13 115456712
                                                                                 2/6/13
## 3
                                                     C
       Office Supplies
                                Online
                                                         10/27/15 158535134
                                                                               11/25/15
##
       Office Supplies
                                Online
                                                     L
                                                           4/1/12 320009267
                                                                                 5/8/12
## 5
       Office Supplies
                                Online
                                                     М
                                                          2/16/12 189965903
                                                                                2/28/12
  6
       Office Supplies
                                                     C
                                                          1/11/12 837559306
##
                               Offline
                                                                                1/13/12
## 7
       Office Supplies
                               Offline
                                                     М
                                                         11/26/11 441888415
                                                                                 1/7/12
## 8
       Office Supplies
                                Online
                                                     М
                                                          11/7/11 177636754
                                                                               11/15/11
## 9
       Office Supplies
                               Offline
                                                     Η
                                                          10/24/10 166460740
                                                                               11/17/10
## 10
       Office Supplies
                                Online
                                                     М
                                                          4/23/13 462405812
                                                                                5/20/13
   11
       Office Supplies
                               Offline
                                                     Η
                                                          12/6/16 621386563
                                                                               12/14/16
##
  12
       Office Supplies
                                Online
                                                          6/13/12 423331391
                                                                                7/24/12
                                                     М
## 13
             Household
                               Offline
                                                     М
                                                          4/23/11 135425221
                                                                                4/27/11
## 14
             Household
                               Offline
                                                     Η
                                                           2/8/17 522840487
                                                                                2/13/17
## 15
             Household
                              Offline
                                                     L
                                                          12/30/10 441619336
                                                                                1/20/11
## 16
             Household
                              Offline
                                                     L
                                                          5/26/12 886494815
                                                                                 6/9/12
## 17
             Household
                              Offline
                                                     Η
                                                          1/16/15 177713572
                                                                                 3/1/15
                                Online
## 18
             Household
                                                     L
                                                                                2/14/12
                                                            1/5/12 955357205
## 19
             Household
                               Offline
                                                     C
                                                          11/6/14 986435210
                                                                               12/12/14
                                                         10/21/12 213487374
## 20
             Household
                               Offline
                                                     L
                                                                               11/30/12
## 21
                               Offline
                                                          2/10/12 665095412
             Household
                                                     L
                                                                                2/15/12
## 22
                                Online
                   Meat
                                                     L
                                                          7/31/12 322067916
                                                                                9/11/12
## 23
                   Meat
                                Online
                                                     М
                                                          1/14/17 825304400
                                                                                1/23/17
## 24
                                                         11/19/16 419123971
             Cosmetics
                               Offline
                                                     М
                                                                               12/18/16
## 25
             Cosmetics
                                Online
                                                     Η
                                                          5/22/17 898523128
                                                                                 6/5/17
## 26
             Cosmetics
                               Offline
                                                     М
                                                          9/17/12 249693334
                                                                               10/20/12
## 27
             Cosmetics
                                Online
                                                     M
                                                           2/6/10 382392299
                                                                                2/25/10
## 28
                                                     C
             Cosmetics
                                Online
                                                          12/31/16 331438481
                                                                               12/31/16
## 29
             Cosmetics
                               Offline
                                                     Н
                                                          2/23/15 868214595
                                                                                 3/2/15
## 30
                                                     Η
             Cosmetics
                               Offline
                                                           4/7/14 259353148
                                                                                4/19/14
## 31
             Cosmetics
                               Offline
                                                     Η
                                                         10/13/13 505716836
                                                                               11/16/13
## 32
             Cosmetics
                               Offline
                                                         10/11/13 699358165
                                                                               11/25/13
```

##	33	Cosmetics	Offline	L	7/5/13	231145322	8/16/13
	34	Cosmetics	Online	Н		670854651	8/7/13
##	35	Cosmetics	Online	Н	11/15/16	286959302	12/8/16
##	36	Cosmetics	Online	Н	11/26/10	660643374	12/25/10
##	37	Baby Food	Offline	Н	5/28/10	669165933	6/27/10
##	38	Baby Food	Online	C	2/4/15	547995746	2/21/15
##	39	Baby Food	Online	L	5/14/14	819028031	6/28/14
##	40	Baby Food	Online	Н	7/31/15	860673511	9/3/15
##	41	Baby Food	Online	L	6/26/13	569662845	7/1/13
##	42	Baby Food	Offline	Н	5/29/12	688288152	6/2/12
##	43	Baby Food	Offline	М	2/3/14	494747245	3/20/14
##	44	Cereal	Online	C	8/22/12	963881480	9/15/12
##	45	Cereal	Online	H	4/18/14	616607081	5/30/14
##	46	Cereal	Offline	H	6/7/12	994022214	6/8/12
##	47	Cereal	Offline	H	3/29/16	902102267	4/29/16
##	48	Cereal	Online	M	3/25/13	844530045	3/28/13
##	49	Cereal	Offline	H	6/9/13	450563752	7/2/13
##	50	Cereal	Online	Н	5/20/17	555990016	6/17/17
##	51	Snacks	Online	L	6/30/16	795490682	7/26/16
	52	Snacks	Online	М		756274640	2/25/17
	53	Snacks	Online	L		122583663	1/5/11
	54	Vegetables	Online	Н		871543967	7/27/12
	55	Vegetables	Online	Н		814711606	7/12/11
	56	Vegetables	Online	Н		759224212	11/10/12
	57	Vegetables	Offline	С		789176547	10/23/11
##	58	Vegetables	Online	L		827844560	4/7/12
	59	Vegetables	Offline	C		728815257	6/29/16
	60	Personal Care	Offline	M		770463311	8/25/15
	61	Personal Care	Offline	C		832401311	2/23/14
	62	Personal Care	Online	L		740147912	5/10/16
##		Personal Care	Offline	C		406502997	1/28/14
	64	Personal Care	Offline	L		456767165	5/21/17
##		Personal Care	Online	H		699285638	3/28/17
	66	Personal Care Personal Care	Online	M		617667090	1/31/11
## ##	68	Personal Care	Offline Offline	L L		228944623 430915820	7/9/12 3/20/12
##		Personal Care	Offline	L M		559427106	8/8/15
##		Clothes	Offline	H		939825713	8/19/14
##		Clothes	Online	L		187310731	3/1/17
	72	Clothes	Online	M		972292029	6/3/12
	73	Clothes	Online	Н		223359620	11/18/15
	74	Clothes	Offline	C		787399423	11/14/14
	75	Clothes	Online	C		385383069	3/18/10
	76	Clothes	Online	C		114606559	6/27/12
	77	Clothes	Offline	C		647876489	8/1/10
	78	Clothes	Offline	Н		705784308	11/17/10
	79	Clothes	Offline	М		807025039	9/7/16
	80	Clothes	Offline	L		610425555	5/28/15
##		Clothes	Online	L		663110148	10/8/12
	82	Clothes	Online	М		512878119	9/3/11
	83	Beverages	Offline	C		519820964	4/18/15
	84	Beverages	Offline	C		435608613	7/30/14
##	85	Beverages	Online	C		585920464	7/15/11
##	86	Beverages	Online	C	10/28/14	217221009	11/15/14

```
## 87
             Beverages
                               Offline
                                                     С
                                                           1/16/11 180283772
                                                                                1/21/11
## 88
                                                     C
                                                                               11/25/16
             Beverages
                               Offline
                                                          10/23/16 345718562
             Beverages
## 89
                               Offline
                                                     Η
                                                            7/7/14 240470397
                                                                                7/11/14
                                                     С
## 90
                               Offline
                                                            2/8/11 963392674
                                                                                3/21/11
             Beverages
## 91
                 Fruits
                                Online
                                                     C
                                                           6/20/14 514321792
                                                                                 7/5/14
## 92
                                                     Н
                 Fruits
                                Online
                                                            9/8/14 142278373
                                                                                10/4/14
## 93
                                                          10/13/14 347140347
                 Fruits
                                Online
                                                     М
                                                                               11/10/14
## 94
                 Fruits
                                Online
                                                     L
                                                            5/7/10 686048400
                                                                                5/10/10
##
  95
                 Fruits
                                Online
                                                     L
                                                          11/22/11 162052476
                                                                                12/3/11
## 96
                 Fruits
                                Online
                                                     L
                                                           8/18/13 918419539
                                                                                9/18/13
##
  97
                 Fruits
                               Offline
                                                     Η
                                                           9/17/13 508980977
                                                                               10/24/13
## 98
                                                     L
                 Fruits
                                Online
                                                           8/14/15 816200339
                                                                                9/30/15
##
  99
                 Fruits
                                Online
                                                     М
                                                           4/30/12 513417565
                                                                                5/18/12
                                                                               12/28/11
##
  100
                 Fruits
                               Offline
                                                     L
                                                          11/11/11 810711038
##
       Units.Sold Unit.Price Unit.Cost Total.Revenue Total.Cost Total.Profit
## 1
              1779
                       651.21
                                  524.96
                                             1158502.59
                                                          933903.84
                                                                        224598.75
##
  2
             5062
                       651.21
                                  524.96
                                             3296425.02 2657347.52
                                                                        639077.50
## 3
              2924
                       651.21
                                  524.96
                                             1904138.04 1534983.04
                                                                        369155.00
## 4
             6708
                       651.21
                                  524.96
                                             4368316.68 3521431.68
                                                                        846885.00
## 5
             3987
                       651.21
                                  524.96
                                             2596374.27 2093015.52
                                                                        503358.75
## 6
              1266
                       651.21
                                  524.96
                                              824431.86
                                                         664599.36
                                                                        159832.50
## 7
              3457
                       651.21
                                  524.96
                                             2251232.97 1814786.72
                                                                        436446.25
## 8
                       651.21
                                  524.96
             5518
                                             3593376.78 2896729.28
                                                                        696647.50
##
  9
                       651.21
                                  524.96
             8287
                                             5396577.27 4350343.52
                                                                       1046233.75
## 10
             5010
                       651.21
                                  524.96
                                             3262562.10 2630049.60
                                                                        632512.50
## 11
              948
                       651.21
                                  524.96
                                              617347.08 497662.08
                                                                        119685.00
## 12
             2021
                       651.21
                                  524.96
                                             1316095.41 1060944.16
                                                                        255151.25
##
  13
              4187
                       668.27
                                  502.54
                                             2798046.49 2104134.98
                                                                        693911.51
## 14
             8974
                       668.27
                                             5997054.98 4509793.96
                                  502.54
                                                                       1487261.02
## 15
              3830
                       668.27
                                  502.54
                                             2559474.10 1924728.20
                                                                        634745.90
## 16
              2370
                       668.27
                                  502.54
                                             1583799.90 1191019.80
                                                                        392780.10
## 17
             8250
                       668.27
                                  502.54
                                             5513227.50 4145955.00
                                                                       1367272.50
## 18
               282
                       668.27
                                  502.54
                                              188452.14
                                                         141716.28
                                                                         46735.86
## 19
              6954
                       668.27
                                  502.54
                                             4647149.58 3494663.16
                                                                      1152486.42
## 20
              4513
                       668.27
                                  502.54
                                             3015902.51 2267963.02
                                                                       747939.49
## 21
             5367
                       668.27
                                  502.54
                                             3586605.09 2697132.18
                                                                       889472.91
## 22
             5908
                       421.89
                                  364.69
                                             2492526.12 2154588.52
                                                                        337937.60
## 23
              4767
                       421.89
                                  364.69
                                             2011149.63 1738477.23
                                                                        272672.40
## 24
             6952
                       437.20
                                  263.33
                                             3039414.40 1830670.16
                                                                      1208744.24
## 25
              1815
                       437.20
                                  263.33
                                              793518.00
                                                         477943.95
                                                                        315574.05
##
  26
             8661
                       437.20
                                  263.33
                                             3786589.20 2280701.13
                                                                      1505888.07
## 27
             7234
                       437.20
                                  263.33
                                             3162704.80 1904929.22
                                                                      1257775.58
##
  28
             8867
                       437.20
                                  263.33
                                             3876652.40 2334947.11
                                                                       1541705.29
##
  29
              2847
                                             1244708.40
                                                        749700.51
                                                                        495007.89
                       437.20
                                  263.33
## 30
             7215
                       437.20
                                  263.33
                                             3154398.00 1899925.95
                                                                      1254472.05
## 31
              1705
                       437.20
                                  263.33
                                              745426.00
                                                         448977.65
                                                                        296448.35
##
  32
              4477
                       437.20
                                  263.33
                                             1957344.40 1178928.41
                                                                       778415.99
## 33
             9892
                       437.20
                                  263.33
                                             4324782.40 2604860.36
                                                                       1719922.04
##
  34
             9654
                       437.20
                                  263.33
                                             4220728.80 2542187.82
                                                                       1678540.98
##
  35
              6489
                       437.20
                                  263.33
                                             2836990.80 1708748.37
                                                                       1128242.43
##
  36
             7910
                                  263.33
                       437.20
                                             3458252.00 2082940.30
                                                                       1375311.70
## 37
             9925
                       255.28
                                  159.42
                                             2533654.00 1582243.50
                                                                       951410.50
                                              759202.72 474115.08
## 38
             2974
                       255.28
                                  159.42
                                                                       285087.64
## 39
             7450
                       255.28
                                  159.42
                                             1901836.00 1187679.00
                                                                        714157.00
```

##	40	1273	255.28	159.42	324971.44	202941.66	122029.78
##	41	4750	255.28	159.42	1212580.00	757245.00	455335.00
##	42	8614	255.28	159.42	2198981.92	1373243.88	825738.04
##	43	5559	255.28	159.42	1419101.52	886215.78	532885.74
##	44	2804	205.70	117.11	576782.80	328376.44	248406.36
##	45	6593	205.70	117.11	1356180.10	772106.23	584073.87
##	46	2117	205.70	117.11	435466.90	247921.87	187545.03
##	47	962	205.70	117.11	197883.40	112659.82	85223.58
##	48	4063	205.70	117.11	835759.10	475817.93	359941.17
##	49	682	205.70	117.11	140287.40	79869.02	60418.38
##	50	8656	205.70	117.11	1780539.20	1013704.16	766835.04
##	51	2225	152.58	97.44	339490.50	216804.00	122686.50
##	52	7327	152.58	97.44	1117953.66	713942.88	404010.78
##	53	4085	152.58	97.44	623289.30	398042.40	225246.90
##	54	8082	154.06	90.93	1245112.92	734896.26	510216.66
##	55	124	154.06	90.93	19103.44	11275.32	7828.12
##	56	171	154.06	90.93	26344.26	15549.03	10795.23
##	57	3732	154.06	90.93	574951.92	339350.76	235601.16
##	58	6457	154.06	90.93	994765.42	587135.01	407630.41
##		1485	154.06	90.93	228779.10	135031.05	93748.05
##		6070	81.73	56.67	496101.10	343986.90	152114.20
##		4901	81.73	56.67	400558.73	277739.67	122819.06
##		5070	81.73	56.67	414371.10	287316.90	127054.20
##		2125	81.73	56.67	173676.25	120423.75	53252.50
##		6409	81.73	56.67	523807.57	363198.03	160609.54
##		3015	81.73	56.67	246415.95	170860.05	75555.90
##	66	273	81.73	56.67	22312.29	15470.91	6841.38
##	67	8656	81.73	56.67	707454.88	490535.52	216919.36
##	68	6422	81.73	56.67	524870.06	363934.74	160935.32
##	69	5767	81.73	56.67	471336.91	326815.89	144521.02
## ##	70 71	4168	109.28	35.84	455479.04 902980.64	149381.12	306097.92
##	72	8263 1673	109.28 109.28	35.84 35.84	182825.44	296145.92 59960.32	606834.72 122865.12
	73	5930	109.28	35.84	648030.40	212531.20	435499.20
	74	7842	109.28	35.84	856973.76	281057.28	575916.48
	7 <del>4</del> 75	2269	109.28	35.84	247956.32	81320.96	166635.36
##		3482	109.28	35.84	380512.96	124794.88	255718.08
##		9905	109.28	35.84	1082418.40	354995.20	727423.20
##		6116	109.28	35.84	668356.48	219197.44	449159.04
##		5498	109.28	35.84	600821.44	197048.32	403773.12
##		7342	109.28	35.84	802333.76	263137.28	539196.48
##		7884	109.28	35.84	861563.52	282562.56	579000.96
##		888	109.28	35.84	97040.64	31825.92	65214.72
##		5430	47.45	31.79	257653.50	172619.70	85033.80
	84	5124	47.45	31.79	243133.80	162891.96	80241.84
##	85	5741	47.45	31.79	272410.45	182506.39	89904.06
##	86	9379	47.45	31.79	445033.55	298158.41	146875.14
##	87	8829	47.45	31.79	418936.05	280673.91	138262.14
##	88	4660	47.45	31.79	221117.00	148141.40	72975.60
##		9389	47.45	31.79	445508.05	298476.31	147031.74
##		8156	47.45	31.79	387002.20	259279.24	127722.96
##		8102	9.33	6.92	75591.66	56065.84	19525.82
	92	2187	9.33	6.92	20404.71	15134.04	5270.67
##	93	5398	9.33	6.92	50363.34	37354.16	13009.18

```
## 94
            5822
                       9.33
                                 6.92
                                           54319.26
                                                      40288.24
                                                                   14031.02
## 95
            3784
                       9.33
                                 6.92
                                           35304.72
                                                      26185.28
                                                                   9119.44
## 96
            9606
                       9.33
                                 6.92
                                           89623.98
                                                      66473.52
                                                                   23150.46
## 97
            7637
                       9.33
                                 6.92
                                           71253.21
                                                      52848.04
                                                                   18405.17
## 98
             673
                       9.33
                                 6.92
                                           6279.09
                                                      4657.16
                                                                   1621.93
## 99
             522
                       9.33
                                 6.92
                                            4870.26
                                                       3612.24
                                                                   1258.02
## 100
            6267
                       9.33
                                 6.92
                                           58471.11
                                                      43367.64
                                                                   15103.47
```

### summary(Assign) #Descriptice Analysis of the excel data

```
Item.Type
##
                       Country
                                                         Sales.Channel
      Region
##
  Length: 100
                     Length: 100
                                       Length:100
                                                         Length: 100
  Class : character
                     Class : character
                                       Class : character
                                                         Class : character
  Mode :character Mode :character
                                       Mode :character
                                                         Mode :character
##
##
##
## Order.Priority
                      Order.Date
                                          Order.ID
                                                           Ship.Date
                                                          Length: 100
## Length:100
                     Length: 100
                                       Min.
                                             :114606559
## Class :character
                     Class : character
                                       1st Qu.:338922488
                                                          Class : character
                                       Median :557708561
## Mode :character Mode :character
                                                          Mode :character
##
                                       Mean
                                              :555020412
##
                                       3rd Qu.:790755081
##
                                              :994022214
                                       Max.
##
     Units.Sold
                   Unit.Price
                                   Unit.Cost
                                                 Total.Revenue
  Min. : 124
                Min. : 9.33
                                 Min. : 6.92
                                                Min. :
  1st Qu.:2836
                1st Qu.: 81.73
                                 1st Qu.: 35.84
                                                 1st Qu.: 268721
##
                 Median :179.88
                                 Median :107.28
                                                 Median: 752314
## Median :5382
## Mean
         :5129
                 Mean
                       :276.76
                                 Mean
                                       :191.05
                                                Mean :1373488
  3rd Qu.:7369
                 3rd Qu.:437.20
                                 3rd Qu.:263.33 3rd Qu.:2212045
                                 Max.
                                       :524.96 Max. :5997055
## Max. :9925
                 Max.
                        :668.27
##
     Total.Cost
                     Total.Profit
## Min. :
             3612
                    Min. : 1258
## 1st Qu.: 168868
                   1st Qu.: 121444
## Median : 363566
                   Median : 290768
## Mean : 931806
                   Mean : 441682
                    3rd Qu.: 635829
## 3rd Qu.:1613870
         :4509794 Max. :1719922
## Max.
```

#### summary(Assign\$Total.Revenue) #Quantitative analysis for total revenue

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 4870 268721 752314 1373488 2212045 5997055
```

# $\begin{table}{ll} Ftable &<- table(Assign\$Item.Type) $$\#This$ is a categorical descriptive analysis \\ Ftable \\ \end{table}$

					##
Cosmetics	Clothes	Cereal	Beverages	Baby Food	##
13	13	7	8	7	##
Personal Care	Office Supplies	Meat	Household	Fruits	##
10	12	2	9	10	##

```
## Snacks Vegetables
## 3 6
```

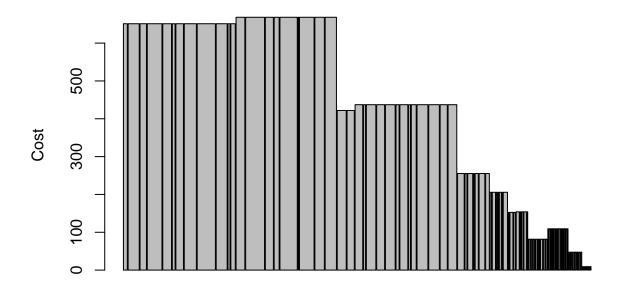
#filter (Assign, Country == "Angola" ) # Transforming data using filter function. Filter essentially re summary(Assign\$Unit.Price)

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 9.33 81.73 179.88 276.76 437.20 668.27
```

summary(log2(Assign\$Unit.Price))

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 3.222 6.353 7.476 7.316 8.772 9.384
```

barplot(Assign\$Unit.Price,Assign\$Total.Cost,xlab="Price",ylab="Cost") # Displaying barplot for unit pri



Price

plot(Assign\$Unit.Price,Assign\$Total.Cost) # scatter plot for unit price and Total cost.

