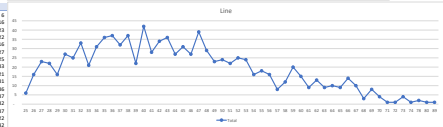




Education	Amount of Income	
Elementary	43964.1700	
Graduate Degree	40080.5400	
High School	47720.1488	
Parish College	54710.8600	
Postgraduate School	38915.0000	
<b>Grand Total</b>	<b>\$183</b>	

Age	Count of Purchased Bike	
25	1	
26	2	
27	2	
28	1	
29	1	
30	1	
31	2	
32	2	
33	2	
34	2	
35	2	
36	2	
37	2	
38	2	
39	2	
40	2	
41	2	
42	2	
43	2	
44	2	
45	2	
46	2	
47	2	
48	2	
49	2	
50	2	
51	2	
52	2	
53	1	
54	1	
55	1	
56	1	
57	1	



58	12
59	20
60	15
61	5
62	13
63	8
64	10
65	9
66	10
67	10
68	12
69	8
70	10
71	1
72	1
73	4
74	1
75	2
80	1
Grand Total	1,000

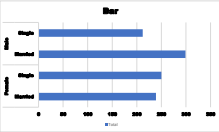
Region	Count of Purchased Bike
Europe	200
North America	500
Asia	300
Grand Total	1000



Scatter Plot in Excel  
V(Car Price)



Gender	Married/Status	Count of Purchased Bike
Female	Married	200
Male	Married	400
Female	Single	200
Male	Single	200
Grand Total		1000



#### Excel Formulas and Functions

#### Commonly used in Excel Analysis

1. SUM - SUM(A1:A10)
2. AVERAGE - AVERAGE(A1:A10)
3. COUNT - COUNT(A1:A10)
4. COUNTIF - COUNTIF(A1:A10, ">5")
5. SUMIF - SUMIF(A1:A10, ">5")
6. AVERAGEIF - AVERAGEIF(A1:A10, ">5")
7. IF - IF(A1:A10, ">5", "No")
8. COUNTIFS - COUNTIFS("No", "Yes")
9. MIN - MIN(A1:A10)
10. UNIQUE - UNIQUE(A1:A10)

- \$B\$1:\$B\$10 Add up all values within a range
- \$B\$1:\$B\$10 Calculate the average of numbers in a range
- 10 Count the number of numeric values in a range
- 6 Counts cells that meet a specified condition
- \$B\$1:\$B\$10 Add up only that meet a specified condition
- \$B\$1:\$B\$10 Calculate the average of cells that meet a specified condition
- Returns one value if a condition is true, and another if false
- Returns a value from a list based on index number
- Returns the value of a number within a set of numbers
- Returns a list of unique values from a range

- Lookup Functions
1. VLOOKUP Partial College
  2. HLOOKUP Pharmaceutical
  3. BLOOKUP Partial College
  4. INDEX MSBA
  5. MATCH 2 MATCH

#### Formulas and Functions in Excel

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