

BIKES SALES DASHBOARD

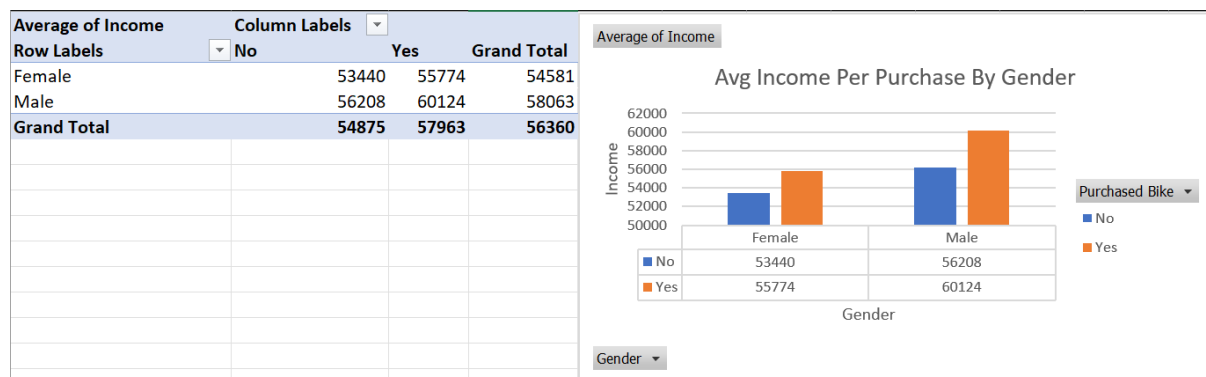
I am excited to share my very first dashboard I created in Excel inspired by Alex Freberg. This is a sample of the Bike sales dataset I used. The dataset used can be found on this link <https://github.com/tawahtom/Portfolio-Projects/blob/main/Excel%20Project%20Dataset.xlsx>

Marital	Gender	Income	Children	Education	Occupation	Home	Cars	Commute	Region	Age	Age Bracket	Purchased Bike
Married	Female	\$40,000.00	1	Bachelors	Skilled Manual	Yes		0 0-1 Miles	Europe	42	Middle Age	No
Married	Male	\$30,000.00	3	Partial College	Clerical	Yes		1 0-1 Miles	Europe	43	Middle Age	No
Married	Male	\$80,000.00	5	Partial College	Professional	No		2 2-5 Miles	Europe	60	Old	No
Single	Male	\$70,000.00	0	Bachelors	Professional	Yes		1 5-10 Miles	Pacific	41	Middle Age	Yes
Single	Male	\$30,000.00	0	Bachelors	Clerical	No		0 0-1 Miles	Europe	36	Middle Age	Yes
Married	Female	\$10,000.00	2	Partial College	Manual	Yes		0 1-2 Miles	Europe	50	Middle Age	No
Single	Male	\$160,000.00	2	High School	Management	Yes		4 0-1 Miles	Pacific	33	Middle Age	Yes
Married	Male	\$40,000.00	1	Bachelors	Skilled Manual	Yes		0 0-1 Miles	Europe	43	Middle Age	Yes
Married	Male	\$20,000.00	2	Partial High School	Clerical	Yes		2 5-10 Miles	Pacific	58	Old	No
Married	Male	\$120,000.00	2	Partial College	Manual	Yes		1 0-1 Miles	Europe	40	Middle Age	Yes
Married	Female	\$30,000.00	3	High School	Skilled Manual	No		2 1-2 Miles	Pacific	54	Middle Age	Yes
Single	Female	\$90,000.00	0	Bachelors	Professional	No		4 10 + Miles	Pacific	36	Middle Age	No
Married	Male	\$170,000.00	5	Partial College	Professional	Yes		0 0-1 Miles	Europe	55	Old	No
Married	Male	\$40,000.00	2	Partial College	Clerical	Yes		1 1-2 Miles	Europe	35	Middle Age	Yes
Single	Male	\$60,000.00	1	Partial College	Skilled Manual	No		1 0-1 Miles	Pacific	45	Middle Age	Yes
Single	Female	\$10,000.00	2	High School	Manual	Yes		1 0-1 Miles	Europe	38	Middle Age	Yes
Single	Male	\$30,000.00	3	Partial College	Clerical	No		2 1-2 Miles	Pacific	59	Old	Yes
Married	Female	\$30,000.00	1	Bachelors	Clerical	Yes		0 0-1 Miles	Europe	47	Middle Age	No
Single	Male	\$40,000.00	2	Partial College	Clerical	Yes		1 1-2 Miles	Europe	35	Middle Age	Yes

First and foremost I made sure the data is cleaned. I did this by doing the following.

- Removing duplicates
- Used find and replace to get rid of the abbreviations.
- Checking the data is in the correct data type.

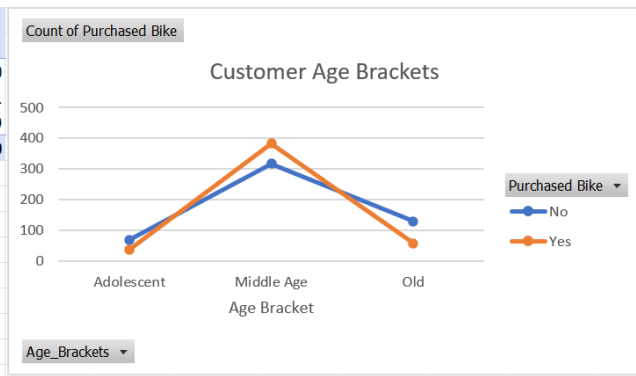
CREATING PIVOT TABLES AND CHARTS



Count of Purchased Bike	Column Labels		
Row Labels	No	Yes	Grand Total
0-1 Miles	166	200	366
1-2 Miles	92	77	169
2-5 Miles	67	95	162
5-10 Miles	116	76	192
10 + Miles	78	33	111
Grand Total	519	481	1000



Count of Purchased Bike	Column Labels		
Row Labels	No	Yes	Grand Total
Adolescent	71	39	110
Middle Age	318	383	701
Old	130	59	189
Grand Total	519	481	1000



THE BIKE SALES DASHBOARD

The final stage was to create a dashboard using the charts and adding slicers for marital status, region and education to filter the insights.

