

Creating Dashboard in Excel

Observing the Project

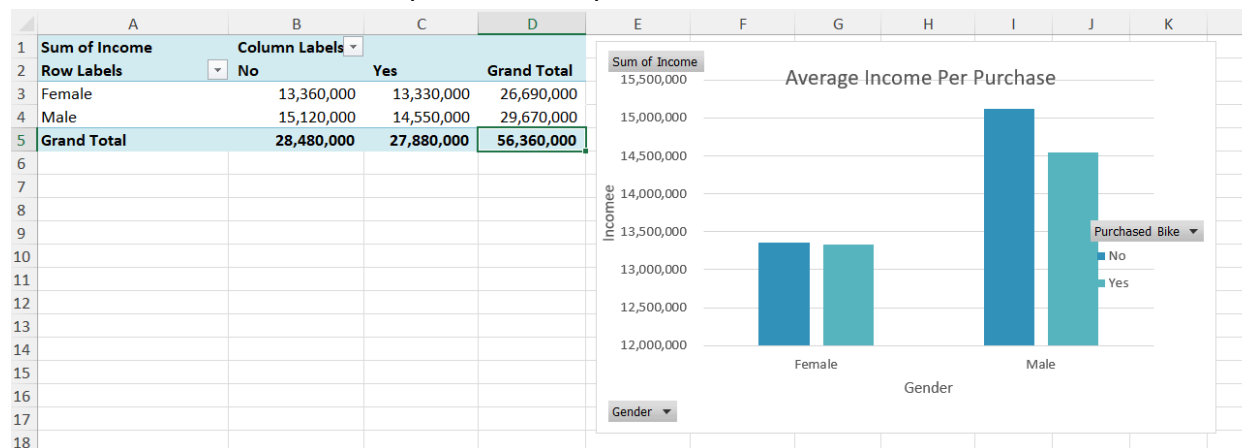
1. Firstly I have created worksheet, pivot table sheet and Dashboard Sheet.
2. The Given data has 13 Columns. I made the first column freeze and then hit filter data to get the drop down of the data on first row.

Data Cleaning Process

3. The first step in my cleaning process is removing duplicates. Found 26 duplicates and removed it using the excel feature.
4. Changed the currency data type to general to remove the \$ symbol in the data to avoid further confusions.
5. Changed status M,S to Married, Single and M,F to Male and Female to avoid the confusion with M's and make it meaningful.
6. Categorized people's age into Middle age, old, adolescent. And every other column data looks good.

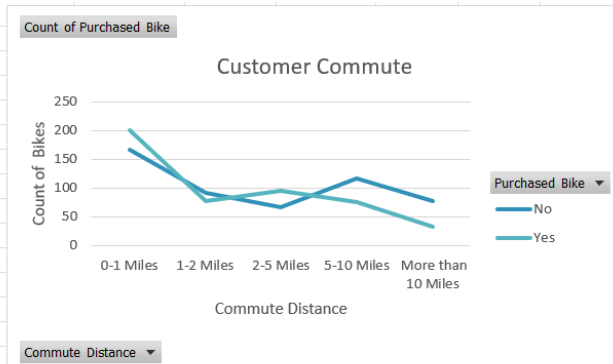
Creating Pivot tables

7. So Creating Pivot table from the worksheet.
8. Created 3 Pivot tables. First one with showing the male and females buying the number of bikes. Also Created plots for each pivot table.



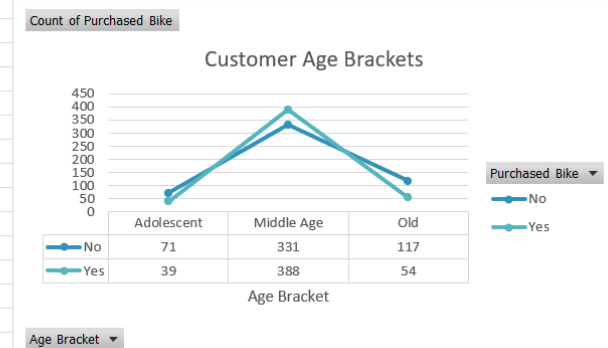
9. Second pivot table showing people buying the bikes based on the range of commuting distance.

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
More than 10 Miles	78	33	111
Grand Total	519	481	1000

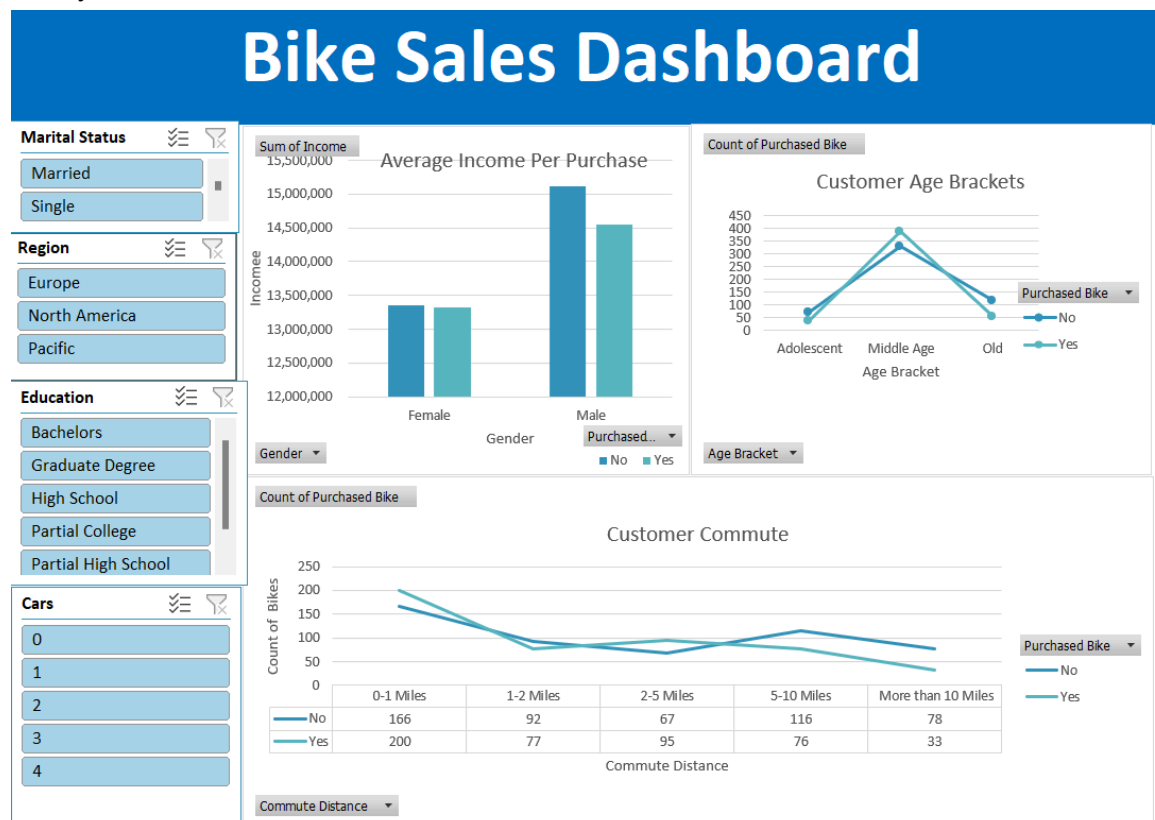


10. Third pivot table showing people buying bikes based on age groups.

Count of Purchased Bike	Column Labels		
Row Labels	No	Yes	Grand Total
Adolescent	71	39	110
Middle Age	331	388	719
Old	117	54	171
Grand Total	519	481	1000



11. Finally created Dashboard



12. Copied the 3 plots from pivot sheet to Dashboard and added Slicers and reported connection to other plots as well.
13. Wrapped first few rows to add the Name of the dashboard.

Topics Learnt : Pivot Chart Analyze(field list), Design , Slicer, Formulas, Creating pivot tables, removing duplicates, truncating spaces, conditions(if).

Thank you