Excel Bike Project

# Question

Who purchased a Bike?

# Steps I took for this project

1. Downland file
2. Review data in the excel sheet and put the data in to a table format.
3. Copy data to a new sheet to work in
4. Start cleaning the data
   1. Remove Duplicates, 26 were found
   2. Change M and S in column B (Marital Statues) to Married and Single
   3. Change M and F in column C (Gender) to Male and Female.
   4. Remove decimals in column D (Income)
5. Add new column for Age Bracket use the IF statement to create new ranges

=IF([@Age]>=65,"Senior",IF([@Age]>=31, "Middle Age”, IF([@Age]<31,"Young Adult", "Invalid")))

1. Create PivotTable- average income of a person that did or didn't buy a bicycle
   1. Insert bar graph
   2. Add axis labels and update
   3. Add chart title
   4. Add data table
2. Create pivot table - commute distance
   1. Insert Line graph
   2. Change 10+ Miles to More than 10 Miles
   3. Add horizontal axis label
   4. Add chart title
3. Create pivot table - customer age bracket.
   1. Insert line graph
   2. add horizontal axis label
   3. add chart title
   4. add data labels
4. Create dashboard
   1. copy the charts to dashboard
   2. add dashboard title
   3. align charts
   4. add slicer for marital status
   5. apply slicer to all charts