Question:

Using the attached Sample Dataset create a Tableau Dashboard that gives an overview of the included health insurance members. A data dictionary has been defined below that defines all the fields.

Here is some of the information we would like to see included in the dashboard. We will give you the freedom to determine how you would like to organize the dashboard and visualize the data.

- The count of unique members in each county in Ohio
- The count of unique members who have only medical coverage and those who have both medical and drug
- The count of unique members in each Category (using the "Category" field in the data)
- The user should be able to filter what members appear in the visualization based upon their contract effective date and contract cancel date
- The user should be able to filter what members appear in the visualization based upon their group number
- Get Creative! Feel free to create visualizations from the dataset that you think could serve a business purpose
- Bonus: For an extra challenge create a visualization that shows the average duration, in days, that the members contracts have been with the company. For member who have not yet cancelled use Today as the cancel date.

Data Dictionary:

MEMBER KEY: A numerical key that is unique to each member.
GROUP NO: A numerical key that identifies the group that each member belongs to.
MEDICAL INDICATOR: Indicates whether the member has medical coverage (Y = Yes; N = No)
DRUG INDICATOR: Indicates whether the member has drug coverage (Y = Yes; N = No)
GENDER: Indicates the members gender (M = Male; F = Female)
CATEGORY: Each group belongs to a Category which indicates into which category of our business the group is in.
COUNTY: The county of Ohio in which the member lives
STATE: The state in which the member lives. *Note: All members are in Ohio*
CONTRACT EFFECTIVE DATE: The date that the member signed a contract with Medical Mutual.
CONTRACT CANCEL DATE: The date the member cancelled their contract with Medical Mutual. *Note: This field is 12/30/9999 for members who are still with Medical Mutual.*