**Power BI Practice**

**Example 1: on P6-OfficeSupplies.csv**

First Bar Chart order date on x axis as categories means years…>Quarter-🡪 month. and (units Count,total price Sum) on y, and explain types of drill down (1- on whole chart,2- on specific point,3- expand by deal with date as category )

Second Bar chart: go to data and add new calculated column by use Dax Expression represent total price = unit \* unit price.

And see how to add measure which represent aggregate columns.

Bar chart put rep on x and total price on y and region on legend, put slicer and put filter by region on it.

Do not forget to add desired fields to tool tips.

**Example 2: P6-Long-Term-Unemployment-Statistics.Xlsx**

Line Chart put period on X and Unemployed Sum on y , also can do drill down and go to next level.

So first the point in line chart is aggregate by year only the when switch to next level it aggregates by quarter only.

We can expand to next level means year and quarter and use aggregate sum.

We can go to next level means quarter in all years as one point and in this case we treat date as categorical and use of average is best.

Put filter on age classified as range and on gender.

**Example 3: on P6-UK-Bank-Customers.csv**

First Pie chart on Gender and Grand total percentage form customer id count.

Second Bar Chart age on x and total percentage form customer id count on y

Also create another bar chart for customer count distribution with balance (count as percentage of total and balance on x axis)( right click on bin select group then determined bin size for example 10000)

Third Tree map for details is job classification and value is total percentage form customer id count

Fourth display total no of customers as title so use card and use filled map chart to display number of customers by region.(put region in location and legend)( you must go to data and define region fields as stat)

Fifth do an Overall reports display all previous pages in only one page ( try to put table with this chart on region and total and click on row you can see amazing result)

Sixth Adjust interactivity between charts by edit interactivity in format menu after get focus on desired chart,

Make map chart is the only chart change other charts by filter or highlight, and change tree map ,pie chart to total not percentage so can also change.

Seventh derive your conclusion or analysis.