# **“MIS Course Practical Task Requirements”**

* **Requirements:**
* Find and prepare your own Dataset file [Excel or CSV] and the Dataset should:
  + Contain two tables
  + Contain at least five columns
  + Have numeric columns
  + Have an **Empty** Recodes [or add them manually]
  + Have a **Date** column
* Then Apply the following changes on your dataset using Power BI Tool:

1. Combine the two tables with each other
2. Remove **Empty** Recodes
3. Remove **null** values (if exists)
4. Remove **None** values (if exists)
5. Change the Data Type of any column has a Decimal value be Integer(if exists)
6. Divide “**Date**” column into three columns and then keep only the column which contains the year value and then rename it to “**Year**”.
7. Add a new column by yourself and rename it to “**anything you prefer**” which will contain a calculation of another numeric column (s) by applying a meaningful operation [multiplication , division].
8. Create a **Report** consists of two pages which should contain the following charts:
   1. **Bar Chart** between any two reasonablefields[in the first page]
   2. **Pie Chart** between any two reasonablefields [in the first page]
   3. **Line Chart** between any two reasonablefields [in the second page]
9. Rename your Report pages to “**Task Page 1**” & “**Task Page 2**”.
10. Add a title for your report “**Practical Task Report**”
11. Create a group between two fields values and use it in **Pie Chart.**
12. Apply a **Visual-level filter** on the **Bar chart** to exclude a certain value (s) (using advanced Filtering)
13. Apply a **Report-level filter** on any field (using Basic Filtering)
14. Apply a slicer in the second page
15. Create a quick measure between any Category and Maximum/Average of any numeric column **[giving a reasonable result]** and use it in any new Chart.
16. And then Export **Bar chart** visual data to your machine

* **Save the final Report on your machine**