**EXCEL ASSIGNMENT – 2**

Using the dataset provided to you (EXCEL\_Assignment\_Problem.xlsx), answer the following questions by creating new columns or new sheets as appropriate.

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| **Advanced Formulas** | |
| **1** | Find the total revenue using SUMPRODUCT function |
| **2** | Create a "Manager" column and derive the values in it using "VLOOKUP" function on the "Salesperson" and look up the Manager name in the "Data\_Persons" tab |
| **3** | Create a "Tenure\_IM" column. Using INDEX & MATCH functions, add the tenure of each sales person to the "Data\_Sales" sheet by finding the values from "Data\_Persons" tab |
| **4** | Create a "Tenure\_X" column and derive the values in it using "XLOOKUP" function on the "Salesperson" column and look up the Tenure in the "Data\_Persons" tab |
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| **Pivot & Charts** | |
| **1** | Create a pivot table using the dataset with Years in rows, products in columns and Revenue as values |
| **2** | Using a Pivot table, find the monthly revenue trends and plot the same using Pivot chart |
| **3** | Using "Map Chart" plot sales by region and answer which is the region with highest sales? |
| **4** | Using a "Bar Chart" find out who was the best salesman in 2021? |
| **5** | Plot a "Pie Chart" to find the Products that drive the highest and lowest revenue |
| **6** | Insert Slicers for Region and Product in first Pivot table. Color the slicers differently from each other |
| **7** | Using Power Pivots, create a relationship between Data Sales & Data Persons. Find the revenue for each Manager |
| **8** | Create a Revenue Measure in Power Pivot and then create a KPI that shows good, medium and bad revenue in the pivot table created in step 7 |
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| **Dashboard** | |
| **1** | Create an interactive dashboard that provides the following |
| **a** | Monthly revenue trends |
| **b** | Region-wise sales |
| **c** | Sales Person wise sales |
| **d** | Product Share |
| **e** | Customer/Company wise revenue |
| **2** | Create 3-5 key callouts based on the output of the dashboard |