# EXCEL ASSIGNMENT – 1

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

| **Numeric Formatting** | |
|---|---|
| **1** | Convert the Order date column into a date format of Year-Month-Day |
| **2** | Convert the price column into currency format with INR rupee symbol preceding the value |

| **Style Formatting** | |
|---|---|
| **1** | Make the header row bold and fill with blue colour |
| **2** | Apply all borders to the dataset and “thick” outline border |

| **Data Manipulation/Analysis** | |
|---|---|
| **1** | Apply "Named Ranges" to all the columns using row 1 as the name for each range |
| **2** | Find the "Minimum" and "Maximum" values for Price and Quantity using the named ranges |
| **3** | Create a new sheet named "Products". Copy the entire "Product_Type" column to this sheet and deduplicate the values so that only unique product_types remain |
| **4** | Filter the data to only look at "California" sales. Copy this subset into a new sheet named "California Sales" |
| **5** | Create a new sheet named "Sales Person Names". Copy the column "Sales Person" from Data tab, de-duplicate it. Using text-to-columns, split the name into first name and last name |
| **6** | Convert the data set into a "TABLE" |
| **7** | Find the total Price and Quantity using "Autosum" feature |

| **Formulas** | |
|---|---|
| **1** | Create a "Revenue" column which is product of Price and Quantity |
| **2** | Using the deduped Product names in "Products" sheet created by you, find the average price, average quantity, average revenue, count of rows using "IF/IFS" formulas |
| **3** | Using the "California Sales" sheet created by you, find the total count of rows, average price, quantity and total revenue using appropriate functions |
| **4** | Using Date functions, find the year and then the year-month with the maximum revenue |
| **5** | Find the Length of each sales person’s name |
| **6** | In a new column, concatenate Sales Person and Manager Name separated by a "-" |
| **7** | Create 3 new columns - Year, Month and Day. Use DATE Functions to derive these values from the Order Date column |