**Excel Assignment-3**

1. What do you mean by “Relative Cell Referencing” in MS Excel and “Absolute cell referencing”?

Ans: Relative cell references are the most basic type of cell references. They adjust and change when copied, or when using AutoFill. By default, any reference is a relative reference in Excel. They change based on the position of rows and columns relative to the cell the formula was written in.

An Absolute cell reference does not change while copying or moving the formula to a different location in the worksheet. The cell references are fixed.

1. How to secure an excel workbook, demonstrate it with an example.

Ans:

1. Select File > Info.
2. Select the Protect Workbook box and choose Encrypt with Password.
3. Enter a password in the Password box, and then select OK.
4. Confirm the password in the Reenter Password box, and then select OK.

Example in Assignment3.xlsx

1. Explain the pivot tables and their implementations.

Ans: A Pivot Table is one of the basic data analysis tools. Pivot Tables can quickly answer many important business questions. One of the reasons we build Pivot Tables is to pass information. Although Pivot Tables are only tables and thus missing real visuals, they can still be considered as a mean of Visual Storytelling.

A Pivot Table is used to summarize, sort, reorganize, group, count, total or average data stored in a table. It allows us to transform columns into rows and rows into columns. It allows grouping by any field (column), and using advanced calculations on them.