Data Manipulation

* Data manipulation is the process of modifying, structuring, formatting, or sorting through data in order to facilitate its usage and increase its management capabilities.

# Strings:

* Are the data type corresponding to a text.

## String Methods:

* CONCAT: Concatenates the string representations of two specified objects.

Expression: String.Concat(VarName1, VarName2)

* CONTAINS: Checks whether a specified substring occurs within a string. Returns true or false

Expression: Varname.Contains (“text”)

* FORMAT: Converts the value of objects to strings and inserts them into another text.

Expression: String.Format(“{0} is {1}”, VarName1, VarName2)

* INDEXOF: Returns the zero - based index of the first occurrence of a character in a string.

Expression: VarName1.IndexOf(“a”)

* JOIN: Concatenates the elements in a collection and displays them as String.

Expression: String.Join(“I”, CollVarName1)

* REPLACE: Replaces all the occurrences of a substring in a string.

Expression: VarName.Replace (“original”, “replaced”)

* SPLIT: Splits a string into substrings using a given separator.

Expression: VarName.Split(“|”c) (index)

* SUBSTRING: Extracts a substring from a string using the starting index and the length

Expression: VarName1.Substring(startIndex, length)

Example: We started the project as a sequence and used an Assign for the initial