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Business Intelligenic System Experiment no: 3

* Aim: - Demonstration of BI techniques ETL on Application Student

* Theory :

Deta Analysis Expressions (DAX) is a programming language that (an be used to recate calculated columns, measures and custom tables in Microsoft Power BT. It is a set of functions, operators and constants that can be used to calculate and return one or more values using a formula, or expression. The DAX language has a function that returns the ranking of a sorted element based on a given expression. The RANKX Power BT is one such function. It is both a scalar and an devalor. The RANKX Power BT function is also a sobust sorting tool.

The Res RANKX Power BI returns the ranking of a number in a list of numbers for each row in the table argument.

RANKX is a type of function in Power BI. It is a built-in function termed a sorting function which is used extremely extensively in sorting the data in various conditions.

•	The syntax for this function is as follows:
	RANKX (<toble>, <expression>, <value>, <ooder>, <ties>).</ties></ooder></value></expression></toble>
•	The RANKX function in Power BI works similarly to the one in the excel RANK function and assigns rank based on numbers of the specific or mentioned column.
Ŋ	Table: We need to specify based on which table you are runking.
o]	Expression: We must supply the column name have bused at the on which column you use sanking.
3]	Value: This is a bizance argument unless you are manking at the advanced level. This argument will not put to use. So
	Order: In this argument we can mention whether the ranking is in the form of ascending or descending order. The default parameter is in devending order, i.e. it will rank the top value I and so on.
	We can supply two arguments here: TRUE or FALSE. TRUE is for assenting order is the lowert value is I.

FOR EDUCATIONAL USE .

(Jundaram)

	JA you supply FRISE, it will ounk in descending order.
	Therefore, the highest value is 1.
5]	Ties:
	This is the important thing you need to learn. In this
	argument, we can specify what should be done if that is
	o TIE between two values.
	If you skip this, the book after the tied value will be the
	sont of the fied value plus a count of fied values.
	then the next rank will be 8= (513).
	men the bray gallis will be 8 = (713).
	If you supply DENSE as the option, the next value ofth the tied wall be the next sook of the tied values.
	So, for example, if there use 3 values tied at 5th rank,
	then the next sonk will be & = (5+1).
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