**Date functions**

1.truncDate

Ex: truncDate(“MM”,{datecol})

It returns first day of month

2. addDateTime

Syntax: addDateTime(*amount*, *period*, *datetime*)

* Amount is how many days or months or years added or subtract
* Period is ‘YYYY’ or ’MM’ or ‘DD’
* Datetime is a date field

Ex1: addDateTime(1, ‘MM’, truncDate(“MM”,{datecol}))

addDateTime adds one month to truncDate

ex2:addDateTime(-1, ‘DD’, addDateTime(1, ‘MM’, truncDate(“MM”,{datecol})))

this syntax use to first day of the next month substract 1 day

3.dateDiff

Ex: dateDiff(datecol1, datecol2, ‘MM’)

It returns the difference between two months in date

4. formatDate

formatDate(datecol, format)

Format like ‘DD-MM-YYYY’

it returns the formats a date using a pattern you want

5. epochDate

Syntax: epochDate(3100768000)

It cinverts a epoch date to a standerd date

6.addWorkDays

Syntax: addWorkDays(datefield,9)

Ex1: addWorkDays(*epochDate(1659484800)*,*9*)

Ex2: addworkdays(addDateTime(*10*, “*DD*”,*datecolumn),6)*

7. extract

Syntax: extract(*‘MM’*, *datefield*)

It extract the days to the date

8. now

Syntax: now()

It returns the current date and time

**string functions**

1.split

Ex: split(colname, ‘-’, 3 )

* ‘-‘ is the split\_string
* 3 is the position(ex; 123-543-7892)

Here

* 123 is the position 1
* 543 is the position 2
* 7892 is the position 3

2.substring

Ex: substring(colname,8,4)

* 8 is the starting\_position
* 4 is the length

3.replace

Ex: replace(colname,left(colname, 6),’xxx-xx’)

* Left is a function
* 6 is the first six digits in the column value

4.concat

Ex: concat(col1,col2,col3)

Combine the three column string values

5.locate

Syntax: locate(*expression*, *substring*, *start*)

* Expression is a field,must be a string

Ex: ifelse(locate(strfield,’100’)>0,’AP’, locate(strfield,’200’)>0,’TS’, NULL)

Here strfield contains 100 it returs as AP and contains 200 it returns as TS, if strfield where not contains 100 and 200 it returns as null

6.tostring

Syntax: tostring(fieldname)

It returns any datatype fieldname converts into string datatype

7. toLower

Syntax: toLower(field)

It returns all lowercasce in the field

Ex:tolower(‘NAGADURGA’)

Returns as nagadurga

8.toupper

Syntax: toupper(field)

It returns all uppercasce in the field

Ex:toupper (‘nagadurga)

Returns as NAGADURGA

9.left

Syntax: left(field,length)

It returns the left characters from a string ,including spaces

Ex:left(‘nagadurga’,3)

It returns nag

10.right

Syntax: right(field,length)

It returns the rught characters from a string ,including spaces

Ex:left(‘nagadurga’,5)

It returns durga