HEALTH CARE DAX FORMULS

1. day name = FORMAT(date\_table[Date],"ddd")
2. month &year = date\_table[month\_name]& " "&date\_table[year]
3. month number = MONTH(date\_table[Date])
4. month\_name = FORMAT(date\_table[Date],"mmm")
5. weekday = WEEKDAY(date\_table[Date],2)
6. year = YEAR(date\_table[Date])
7. Admission hour = HOUR('Hospital ER\_Data'[Patient Admission Date])
8. Avg wait time = FORMAT( AVERAGE('Hospital ER\_Data'[Patient Waittime]),"0.0")& " " &"min"
9. no of patients = DISTINCTCOUNT('Hospital ER\_Data'[Patient Id])
10. Patient Admission Status = IF('Hospital ER\_Data'[Patient Admission Flag] = TRUE(), "Admitted", "Not Admitted")
11. patient admit date = DATE(YEAR('Hospital ER\_Data'[Patient Admission Date]),MONTH('Hospital ER\_Data'[Patient Admission Date]),DAY('Hospital ER\_Data'[Patient Admission Date]))
12. Patient Age Group =

VAR PatientAge = 'Hospital ER\_Data'[Patient age]

RETURN

    SWITCH(

        TRUE(),

        PatientAge >= 100, "100+",

        PatientAge >= 90 && PatientAge <= 99, "90-99",

        PatientAge >= 80 && PatientAge <= 89, "80-89",

        PatientAge >= 70 && PatientAge <= 79, "70-79",

        PatientAge >= 60 && PatientAge <= 69, "60-69",

        PatientAge >= 50 && PatientAge <= 59, "50-59",

        PatientAge >= 40 && PatientAge <= 49, "40-49",

        PatientAge >= 30 && PatientAge <= 39, "30-39",

        PatientAge >= 20 && PatientAge <= 29, "20-29",

        PatientAge >= 10 && PatientAge <= 19, "10-19",

        PatientAge >= 0 && PatientAge <= 9, "0-9",

        "Unknown"

    )

1. patient satisfaction = AVERAGE('Hospital ER\_Data'[Patient Satisfaction Score])
2. Referred Patients =

CALCULATE(

    COUNT('Hospital ER\_Data'[Department Referral]),

    'Hospital ER\_Data'[Department Referral] <> "NONE"

)

1. waiting intervel =

SWITCH(TRUE(),

 'Hospital ER\_Data'[Admission hour]<2, "00-02",

 'Hospital ER\_Data'[Admission hour]<4, "03-04",

 'Hospital ER\_Data'[Admission hour]<6, "05-06",

 'Hospital ER\_Data'[Admission hour]<8, "07-08",

 'Hospital ER\_Data'[Admission hour]<10, "09-10",

 'Hospital ER\_Data'[Admission hour]<12, "11-12",

 'Hospital ER\_Data'[Admission hour]<14, "13-14",

 'Hospital ER\_Data'[Admission hour]<16, "15-16",

 'Hospital ER\_Data'[Admission hour]<18, "17-18",

 'Hospital ER\_Data'[Admission hour]<20, "19-20",

 'Hospital ER\_Data'[Admission hour]<22, "21-22",

 'Hospital ER\_Data'[Admission hour]<24, "23-24",

 "Above 24"

)

1. waittime check = IF('Hospital ER\_Data'[Patient Waittime]<=30,"Within target","Target missed")