HOSPATALITY(HOTEL) DAX FORMULAS

1. ADR = DIVIDE( [Revenue], [Total Bookings],0)
2. ADR WoW change % =

Var selv = IF(HASONEFILTER(dim\_date[wn]),SELECTEDVALUE(dim\_date[wn]),MAX(dim\_date[wn]))

var revcw = CALCULATE([ADR],dim\_date[wn]= selv)

var revpw =  CALCULATE([ADR],FILTER(ALL(dim\_date),dim\_date[wn]= selv-1))

return

DIVIDE(revcw,revpw,0)-1

1. Average Rating = AVERAGE(fact\_bookings[ratings\_given])
2. Booking % by Platform = DIVIDE([Total Bookings],

 CALCULATE([Total Bookings],

 ALL(fact\_bookings[booking\_platform])

  ))\*100

1. Booking % by Room class = DIVIDE([Total Bookings],

 CALCULATE([Total Bookings],

 ALL(dim\_rooms[room\_class])

  ))\*100

1. Cancellation % = DIVIDE([Total cancelled bookings],[Total Bookings])
2. DBRN = DIVIDE([Total Bookings], [No of days])
3. DSRN = DIVIDE([Total Capacity], [No of days])
4. DSRN WoW change % =

Var selv = IF(HASONEFILTER(dim\_date[wn]),SELECTEDVALUE(dim\_date[wn]),MAX(dim\_date[wn]))

var revcw = CALCULATE([DSRN],dim\_date[wn]= selv)

var revpw =  CALCULATE([DSRN],FILTER(ALL(dim\_date),dim\_date[wn]= selv-1))

return

DIVIDE(revcw,revpw,0)-1

1. DURN = DIVIDE([Total Checked Out],[No of days])
2. No of days = DATEDIFF(MIN(dim\_date[date]),MAX(dim\_date[date]),DAY) +1
3. No Show rate % = DIVIDE([Total no show bookings],[Total Bookings])
4. Occupancy % = DIVIDE([Total Succesful Bookings],[Total Capacity],0)
5. Occupancy WoW change % =

Var selv = IF(HASONEFILTER(dim\_date[wn]),SELECTEDVALUE(dim\_date[wn]),MAX(dim\_date[wn]))

var revcw = CALCULATE([Occupancy %],dim\_date[wn]= selv)

var revpw =  CALCULATE([Occupancy %],FILTER(ALL(dim\_date),dim\_date[wn]= selv-1))

return

DIVIDE(revcw,revpw,0)-1

1. Realisation % = 1- ([Cancellation %]+[No Show rate %])
2. Realisation WoW change % =

Var selv = IF(HASONEFILTER(dim\_date[wn]),SELECTEDVALUE(dim\_date[wn]),MAX(dim\_date[wn]))

var revcw = CALCULATE([Realisation %],dim\_date[wn]= selv)

var revpw =  CALCULATE([Realisation %],FILTER(ALL(dim\_date),dim\_date[wn]= selv-1))

return

DIVIDE(revcw,revpw,0)-1

1. Revenue = SUM(fact\_bookings[revenue\_realized])
2. Revenue WoW change % =

Var selv = IF(HASONEFILTER(dim\_date[wn]),SELECTEDVALUE(dim\_date[wn]),MAX(dim\_date[wn]))

var revcw = CALCULATE([Revenue],dim\_date[wn]= selv)

var revpw =  CALCULATE([Revenue],FILTER(ALL(dim\_date),dim\_date[wn]= selv-1))

return

DIVIDE(revcw,revpw,0)-1

1. RevPAR = DIVIDE([Revenue],[Total Capacity])

Revpar WoW change % =

Var selv = IF(HASONEFILTER(dim\_date[wn]),SELECTEDVALUE(dim\_date[wn]),MAX(dim\_date[wn]))

var revcw = CALCULATE([RevPAR],dim\_date[wn]= selv)

var revpw =  CALCULATE([RevPAR],FILTER(ALL(dim\_date),dim\_date[wn]= selv-1))

return

DIVIDE(revcw,revpw,0)-1

1. Total Bookings = COUNT(fact\_bookings[booking\_id])
2. Total cancelled bookings = CALCULATE([Total Bookings],fact\_bookings[booking\_status]="Cancelled")
3. Total Capacity = SUM(fact\_aggregated\_bookings[capacity])
4. Total Checked Out = CALCULATE([Total Bookings],fact\_bookings[booking\_status]="Checked Out")
5. Total no show bookings = CALCULATE([Total Bookings],fact\_bookings[booking\_status]="No Show")
6. Total Succesful Bookings = SUM(fact\_aggregated\_bookings[successful\_bookings])
7. day type =

 Var wkd = WEEKDAY(dim\_date[date],1)

 return

 IF(

 wkd>5,"Weekend","Weekday")

1. wn = WEEKNUM(dim\_date[date])