Power BI DAX queries for Hotel Industry Project

1. Query to calculate total revenue

Revenue = Sum(fact\_bookings[revenue\_realized])

1. Query to get no of days for the calculating DSRN metrics.

No of days = DATEDIFF (MIN (dim\_date[date]), MAX (dim\_date[date]), DAY) +1

1. Query to calculate DSRN metrics.

DSRN = DIVIDE ([Total Capacity], [No of days])

1. Query to calculate DBRN metrics.

DBRN = DIVIDE([Total\_Bookings], [No of days])

1. Query to calculate ADR metrics.

ADR = DIVIDE([Revenue], [Total\_Bookings]

1. Query to find Revenue Par or Revenue generated per available room whether they occupied or not.

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

1. Query to find total booking.

Total Bookings = COUNT (fact\_bookings[booking\_id])