1. Revenue [the total revenue_realized] :

Revenue = SUM(fact_bookings[revenue_realized])

2. Total Bookings [the total number of bookings happened]

Total Bookings = COUNT(fact_bookings[booking_id])

3. Total Capacity [the total capacity of rooms present in hotels]

Total Capacity = SUM(fact_aggregated_bookings[capacity])

4. Total Succesful Bookings [total succesful bookings happened for all hotels]

Total Succesful Bookings = SUM(fact_aggregated_bookings[successful_bookings])

5. Occupancy % ["Occupancy means total successful bookings happened to the total rooms available(capacity)"]

Occupancy % = DIVIDE([Total Succesful Bookings],[Total Capacity],0)

6. Average Rating [average ratings given by the customers]

Average Rating = AVERAGE(fact_bookings[ratings_given])

7. No of days [the total number of days present in the data]
(In our case, we have data from May to July. So 92 days.)

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

8. Total cancelled bookings [the"Cancelled" bookings out of all Total bookings happened]

Total cancelled bookings =
CALCULATE([Total Bookings],fact_bookings[booking_status]="Cancelled")

9. Cancellation % [the cancellaton percentage]

Cancellation % = DIVIDE([Total cancelled bookings],[Total Bookings])

10. Total Checked Out [the successful 'Checked out' bookings out of all Total bookings happened]

Total Checked Out = CALCULATE([Total Bookings],fact_bookings[booking_status]="Checked Out")

11. Total no show bookings [the""No Show"" bookings out of all Total bookings happened]
("No show"" means those customers who neither cancelled nor attend to their booked rooms)

Total no show bookings =
CALCULATE([Total Bookings],fact_bookings[booking_status]="No Show")

12. No Show rate % [calculating the no show percentage]

No Show rate % = DIVIDE([Total no show bookings],[Total Bookings])

13. Booking % by Platform [To show the percentage contribution of each booking platform for bookings in hotels]
(We have booking platforms like makeyourtrip, logtrip, tripster etc)

```
Booking % by Platform =
    DIVIDE([Total Bookings],
    CALCULATE([Total Bookings],
     ALL(fact_bookings[booking_platform])
     ))*100
```

14. Booking % by Room class [To show the percentage contribution of each room class over total rooms booked]
(We have room classes like Standard, Elite, Premium, Presidential.)

```
Booking % by Room class =

    DIVIDE([Total Bookings],
    CALCULATE([Total Bookings],
     ALL(dim_rooms[room_class])
     ))*100
```

15. ADR [Calculate the ADR(Average Daily rate)]
(It is the ratio of revenue to the total rooms booked/sold. It is the measure of the average paid for rooms sold in a given time period)

```
ADR = DIVIDE( [Revenue], [Total Bookings],0)
```

16. Realisation % [the realisation percentage or successful ""checked out"" percentage over all bookings happened]

```
Realisation % = 1- ([Cancellation %]+[No Show rate %])
```

17. RevPAR [the RevPAR(Revenue Per Available Room)]
(RevPAR represents the revenue generated per available room, whether or not they are occupied. RevPAR helps hotels measure their revenue generating performance to accurately rooms. RevPAR can help hotels measure themselves against other properties or brands.)

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

18. DBRN [DBRN(Daily Booked Room Nights)]
(This metrics tells on average how many rooms are booked for a day considering a time period)

```
DBRN = DIVIDE([Total Bookings], [No of days])
```

19. DSRN [DSRN(Daily Sellable Room Nights)]
(This metrics tells on average how many rooms are ready to sell for a day considering a time period)

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

20. DURN[(Daily Utilized Room Nights)]
(This metric tells on average how many rooms are successully utilized by customers for a day considering a time period)

DURN = DIVIDE([Total Checked Out],[No of days])

21. Revenue WoW change % [the revenue change percentage week over week]

Here,

revcw for current week

revpw for previous week

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"

22. Occupancy WoW change % [the occupancy change percentage week over week]

Here,

revcw for current week

revpw for previous week"

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

23. ADR WoW change %" [ADR(Average Daily rate) change percentage week over week]

revcw for current week

revpw for previous week"

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))

returnDIVIDE(revcw,revpw,0)-1

24. Revpar WoW change % [RevPar(Revenue Per Available Room) change percentage week over week.]

Here,

revcw for current week

revpw for previous week"

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
```

25. Realisation WoW change % [the Realisation change percentage week over week]

Here,

revcw for current week

revpw for previous week"

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
```

26. DSRN WoW change % [DSRN(Daily Sellable Room Nights) change percentage week over week]

Here,

revcw for current week

revpw for previous week"

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
```