1. Total Bookings = COUNT ('Trip Details'[Trip ID])
2. Total booking amount =

SUM('Trip Details'[fare\_amount]) + SUM ('Trip Details'[Surge Fee])

1. average booking amount = DIVIDE([Total booking amount], [Total Bookings], BLANK())
2. AVG trip time =

AVERAGEX(

'Trip Details',

DATEDIFF('Trip Details'[Pickup Time], 'Trip Details'[Drop Off Time], MINUTE)

)

1. Total trip distance =

VAR TotalMiles = SUM('Trip Details'[trip\_distance]) / 1000

RETURN CONCATENATE(FORMAT(TotalMiles, "0"), "K Miles")

1. AVG trip distance =

VAR AVGMiles = ROUND(AVERAGE('Trip Details'[trip\_distance]), 0)

RETURN CONCATENATE(AVGMiles, " Miles")

1. AVG trip time =

VAR AVGTIME = AVERAGEX(

'Trip Details',

DATEDIFF('Trip Details'[Pickup Time], 'Trip Details'[Drop Off Time], MINUTE)

)

RETURN CONCATENATE(FORMAT(AVGTIME, "0"), " min")

1. trip type (day and night) =

VAR hourofday = HOUR('Trip Details'[Pickup Time])

RETURN

IF(hourofday >= 17 || hourofday < 6, "night trip", "day trip")

1. Most frequent Dropoff Point =

VAR DropOffCounts =

ADDCOLUMNS(

SUMMARIZE(

'Trip Details', 'Location Table'[Location]

),

"DropOffCount",

CALCULATE(

COUNT('Trip Details'[Trip ID]),

USERELATIONSHIP('Trip Details'[DOLocationID], 'Location Table'[LocationID])

)

)

VAR RankedDropoffs =

ADDCOLUMNS(

DropOffCounts, "Rank",

RANKX(DropOffCounts, [DropOffCount], , DESC, Dense)

)

VAR TopDropoff =

FILTER(RankedDropoffs, [Rank] = 1)

RETURN

CONCATENATEX(TopDropoff, 'Location Table'[Location], ", ")

1. Most Frequent Pickup Point =

VAR PickPoint =

TOPN(

1,

SUMMARIZE(

'Trip Details',

'Location Table'[Location],

"Pickup Point", COUNT('Trip Details'[Trip ID])

),

[Pickup Point], DESC

)

RETURN CONCATENATEX(PickPoint, 'Location Table'[Location], ",")

1. Farthest distance =

VAR Maxdistance = MAX('Trip Details'[trip\_distance])

VAR Pickuplocation =

LOOKUPVALUE(

'Location Table'[Location],

'Location Table'[LocationID],

CALCULATE(

SELECTEDVALUE('Trip Details'[PULocationID]),

'Trip Details'[trip\_distance] = Maxdistance

)

)

VAR Dropofflocation =

LOOKUPVALUE(

'Location Table'[Location],

'Location Table'[LocationID],

CALCULATE(

SELECTEDVALUE('Trip Details'[DOLocationID]),

'Trip Details'[trip\_distance] = Maxdistance

)

)

RETURN

"pickup: " & Pickuplocation &

" → Dropoff: " & Dropofflocation &

" (" & FORMAT(Maxdistance, "0.0") & " miles)"