

```
1 Farthest Trip =
2 VAR MaxDistance = MAX('Trip Details'[trip_distance])
3
4 VAR PickupLocation =
5     LOOKUPVALUE(
6         'Location Table'[Location],
7         'Location Table'[LocationID],
8         CALCULATE(
9             SELECTEDVALUE('Trip Details'[PULocationID]),
10             'Trip Details'[trip_distance]=MaxDistance
11         )
12     )
13
14 VAR DropOffLocation =
15     LOOKUPVALUE(
16         'Location Table'[Location],
17         'Location Table'[LocationID],
18         CALCULATE(
19             SELECTEDVALUE('Trip Details'[DOLocationID]),
20             'Trip Details'[trip_distance]=MaxDistance
21         )
22     )
23 RETURN
24 "Pickup : " & PickupLocation & " --> Drop-Off : " & DropOffLocation & " (" & Format(MaxDistance,"0.0") & "miles)"
```

```

1 Mostfrequent DropOff Point =
2 VAR DropOffCounts=
3 ADDCOLUMNS(
4     SUMMARIZE(
5         'Trip Details',
6         'Location Table'[Location]
7     ),"DropOffCount",
8     CALCULATE(
9         COUNT('Trip Details'[DOLocationID]),
10        USERRELATIONSHIP(
11            'Trip Details'[DOLocationID],'Location Table'[LocationID]
12        )
13    )
14 )
15 VAR RankedDropOffs =
16 ADDCOLUMNS(
17     DropOffCounts,"Rank",
18     RANKX(DropOffCounts,[DropOffCount],,DESC,Dense)
19 )
20 VAR TopDropOff =
21     Filter(RankedDropOffs,[Rank]=1)
22
23
24 RETURN CONCATENATEX(TopDropOff,'Location Table'[Location],",")

```

```
1 Most Frequent Pickup Location =  
2 VAR TopnPU =  
3 | SUMMARIZE('Trip Details','Location Table'[Location],"Pick Up",count('Trip Details'[PULocationID])) )  
4 VAR Topnloc =  
5 | TOPN(1,topnPU,[Pick Up],DESC )  
6 RETURN CONCATENATEX(Topnloc,[Location],",")
```

```
1 Drop-Off Location =  
2 LOOKUPVALUE(  
3     'Location Table'[Location],      -- Result column  
4     'Location Table'[LocationID],    -- Search column  
5     'Trip Details'[DOLocationID]     -- Value to match  
6 )  
7
```