

city	2-Trips	3-Trips	4-Trips	5-Trips	6-Trips	7-Trips	8-Trips	9-Trips
Chandigarh	32.3078	19.2505	15.7396	12.209	7.4162	5.4833	3.4714	2.3273
Coimbatore	11.2112	14.8176	15.5624	20.6192	17.64	10.4664	6.1544	2.3128
Indore	34.3404	22.6856	13.4008	10.3382	6.846	5.2383	3.2567	2.3837
Jaipur	50.1447	20.7292	12.1152	6.2901	4.1315	2.5203	1.9004	1.1981
Kochi	47.6659	24.3509	11.8149	6.4777	3.9078	2.1112	1.6522	1.2065
Lucknow	9.6593	14.7651	16.203	18.4224	20.1834	11.3265	6.4292	1.907
Mysore	48.7476	24.4414	12.7284	5.8227	4.0622	1.7602	1.4217	0.5416
Surat	9.7593	14.2627	16.5548	19.75	18.4533	11.8892	6.2398	1.7365
Vadodara	9.8712	14.174	16.5209	18.0627	19.0749	12.8624	5.7755	2.0477
Visakhapat	51.253	24.9609	9.9844	5.4423	3.1912	1.9774	1.3899	0.881

WITH RepeatPassengerSummary AS (

SELECT

city_name

,

trip_count,

SUM(repeat_passenger_count) AS total_repeat_passengers,

MONTH(month) AS report_month

FROM

trips_db.dim_repeat_trip_distribution rt

LEFT JOIN

trips_db.dim_city dc ON dc.city_id = rt.city_id

WHERE

trip_count BETWEEN 2 AND 10

GROUP BY

city_name, trip_count, MONTH(month)

),

PercentageDistribution AS (

SELECT

city_name,

report_month,

trip_count,

(total_repeat_passengers / SUM(total_repeat_passengers) OVER (PARTITION BY city_name))

FROM

RepeatPassengerSummary

)

SELECT

city_name,

SUM(CASE WHEN trip_count = 2 THEN percentage ELSE 0 END) AS "2-Trips",

SUM(CASE WHEN trip_count = 3 THEN percentage ELSE 0 END) AS "3-Trips",

SUM(CASE WHEN trip_count = 4 THEN percentage ELSE 0 END) AS "4-Trips",

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SUM(CASE WHEN trip_count = 5 THEN percentage ELSE 0 END) AS "5-Trips",
SUM(CASE WHEN trip_count = 6 THEN percentage ELSE 0 END) AS "6-Trips",
SUM(CASE WHEN trip_count = 7 THEN percentage ELSE 0 END) AS "7-Trips",
SUM(CASE WHEN trip_count = 8 THEN percentage ELSE 0 END) AS "8-Trips",
SUM(CASE WHEN trip_count = 9 THEN percentage ELSE 0 END) AS "9-Trips",
SUM(CASE WHEN trip_count = 10 THEN percentage ELSE 0 END) AS "10-Trips"
FROM
    PercentageDistribution
GROUP BY
    city_name
ORDER BY
    city_name;
```

10-Trips
1.7949
1.2152
1.5106
0.971
0.813
1.1045
0.4739
1.3544
1.6107
0.9199

* 100 AS percentage