Top 3 Preforming Cities

```
city_id
Jaipur       76888
Lucknow      64299
Surat        54843
Name: count, dtype: int64
```

Bottom 3 Preforming Cities

```
city_id
Visakhapatnam     28366
Coimbatore        21104
Mysore            16238
Name: count, dtype: int64
```

Average Fare per Trip in each Cities

City Name	Fare_amount
Visakhapatnam	282.67
Chandigarh	283.69
Surat	117.27
Vadodara	118.57
Mysore	249.71
Kochi	335.25
Indore	179.84
Jaipur	483.92
Coimbatore	166.98
Lucknow	147.18

Average Driver Rating for each City Segmented by Passenger Type

City Name	Passenger Type	Driver Rating
Visakhapatnam	new	8.98
Visakhapatnam	repeated	8.99
Chandigarh	new	7.99
Chandigarh	repeated	7.47
Surat	new	6.99
Surat	repeated	6.48
Vadodara	new	7.00
Vadodara	repeated	6.48
Mysore	new	8.98
Mysore	repeated	8.97
Kochi	new	8.99
Kochi	repeated	8.99
Indore	new	7.97
Indore	repeated	7.48
Jaipur	new	8.99
Jaipur	repeated	8.98
Coimbatore	new	7.99
Coimbatore	repeated	7.48
Lucknow	new	6.99
Lucknow	repeated	6.49

Average Passenger Rating for each City Segmented by Passenger Type

City Name	Passenger Type	Passenger Rating
Visakhapatnam	new	8.98
Visakhapatnam	repeated	7.99
Chandigarh	new	8.49
Chandigarh	repeated	7.49
Surat	new	7.98
Surat	repeated	6.00
Vadodara	new	7.98
Vadodara	repeated	5.98
Mysore	new	8.98
Mysore	repeated	7.98
Kochi	new	8.99
Kochi	repeated	8.00
Indore	new	8.49
Indore	repeated	7.47
Jaipur	new	8.99
Jaipur	repeated	7.99
Coimbatore	new	8.49
Coimbatore	repeated	7.48
Lucknow	new	7.98
Lucknow	repeated	5.99

Peak Demand of Months By City

city_id	Months	count
Chandigarh	February	7387
Chandigarh	January	6810
Coimbatore	March	3680
Coimbatore	April	3661
Indore	May	7787
Indore	April	7415
Jaipur	February	15872
Jaipur	January	14976
Kochi	May	10014
Kochi	April	9762
Lucknow	February	12060
Lucknow	March	11224
Mysore	May	3007
Mysore	June	2842
Surat	April	9831
Surat	May	9774
Vadodara	April	5941
Vadodara	May	5799
Visakhapatnam	April	4938
Visakhapatnam	March	4877

Low Demand of Months By City

city_id	Months	count
Chandigarh	April	5566
Chandigarh	June	6029
Coimbatore	June	3158
Coimbatore	February	3404
Indore	June	6288
Indore	January	6737
Jaipur	June	9842
Jaipur	April	11406
Kochi	June	6399
Kochi	January	7344
Lucknow	May	9705
Lucknow	April	10212
Mysore	January	2485
Mysore	April	2603
Surat	January	8358
Surat	June	8544
Vadodara	June	4685
Vadodara	January	4775
Visakhapatnam	January	4468
Visakhapatnam	June	4478

Weekdays vs Weekend Trip by Cities

City Name	Week Type	Trips
Visakhapatnam	Weekday	15100
Visakhapatnam	Weekend	13266
Chandigarh	Weekday	19914
Chandigarh	Weekend	19067
Surat	Weekday	37793
Surat	Weekend	17050
Vadodara	Weekday	20310
Vadodara	Weekend	11716
Mysore	Weekday	6424
Mysore	Weekend	9814
Kochi	Weekday	22915
Kochi	Weekend	27787
Indore	Weekday	21198
Indore	Weekend	21258
Jaipur	Weekday	32491
Jaipur	Weekend	44397
Coimbatore	Weekday	12576
Coimbatore	Weekend	8528
Lucknow	Weekday	49617
Lucknow	Weekend	14682

Analyze cities contributing most to high trip frequencies

City Name	Repeat Passenger Count
Lucknow	1993
Surat	1833
Vadodara	969
Indore	894
Chandigarh	663
Jaipur	638
Coimbatore	514
Kochi	441
Visakhapatnam	264
Mysore	62

Highest and Lowest Repeated passenger rate(RPR%) by Cities

city_id	RepeatedPassengerRate
Mysore	28.06
Jaipur	40.36
Kochi	47.90
Chandigarh	51.49
Visakhapatnam	55.06
Coimbatore	59.66
Indore	64.99
Vadodara	68.38
Lucknow	74.71
Surat	78.80

Highest and Lowest Repeated passenger rate(RPR%) by Months

```
Months
January        48.44
February       51.97
March          58.18
April          62.68
June           63.44
May            66.67
```

Calculating Total Number of Repeated Customers

city_id	total_repeat_passengers
Mysore	79758
Coimbatore	137754
Vadodara	234684
Chandigarh	273780
Visakhapatnam	275832
Indore	389664
Kochi	411804
Surat	466452
Lucknow	518238
Jaipur	522828

Analysing Targeted Trip Achived or Not by cities for each Months

Note : Which is in jupyter notebook

Analysing Monthly Target New Passenger is Achived by Cities or Not