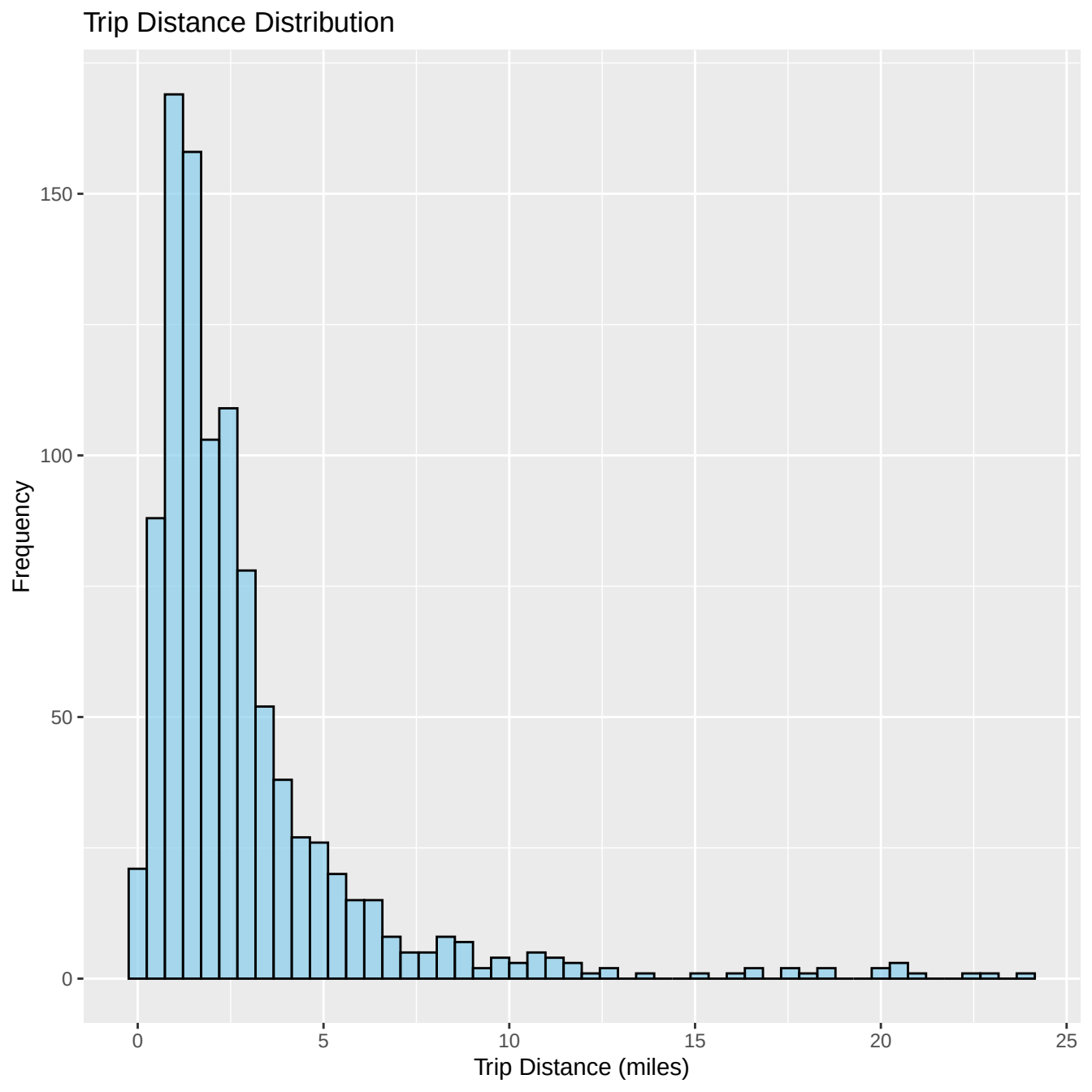
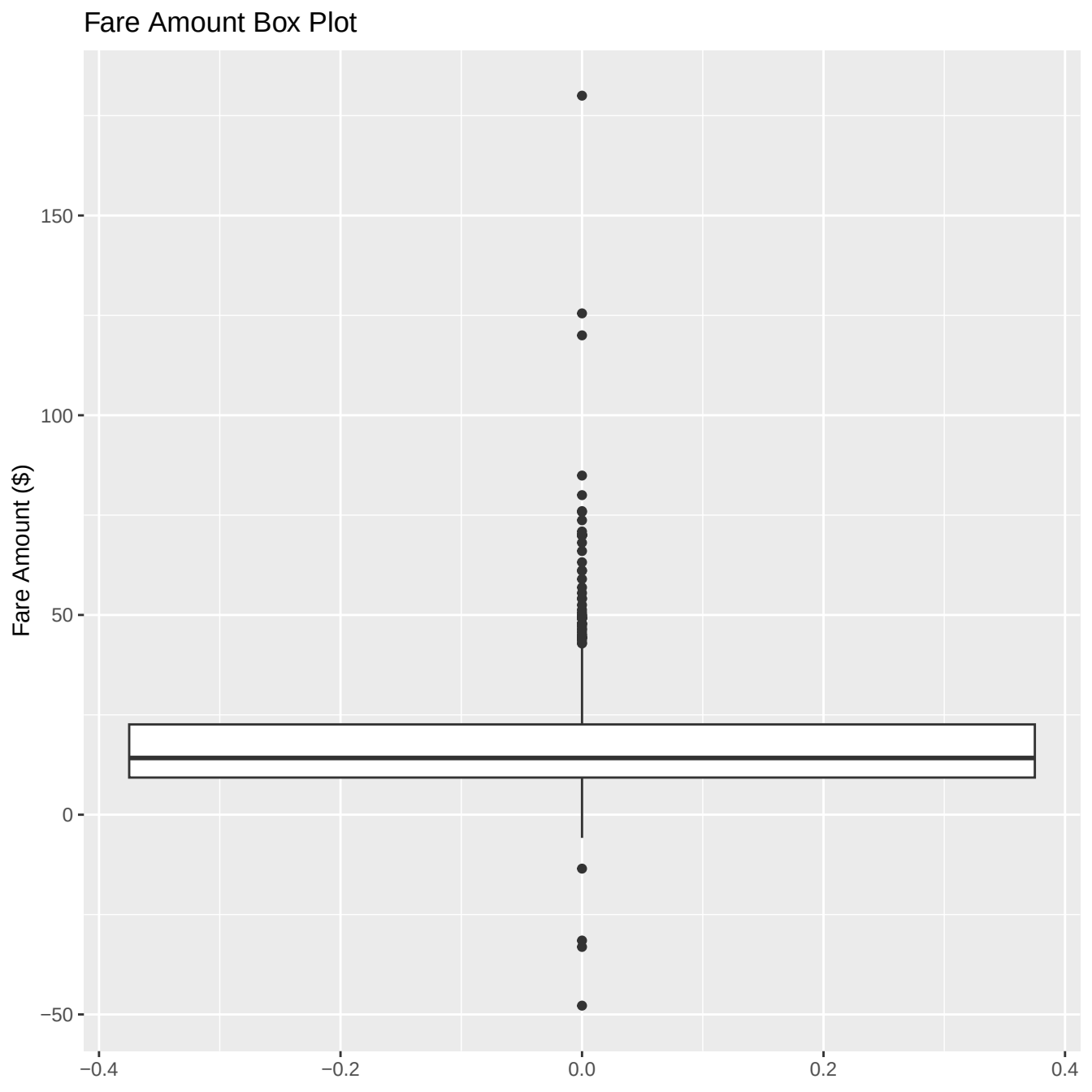
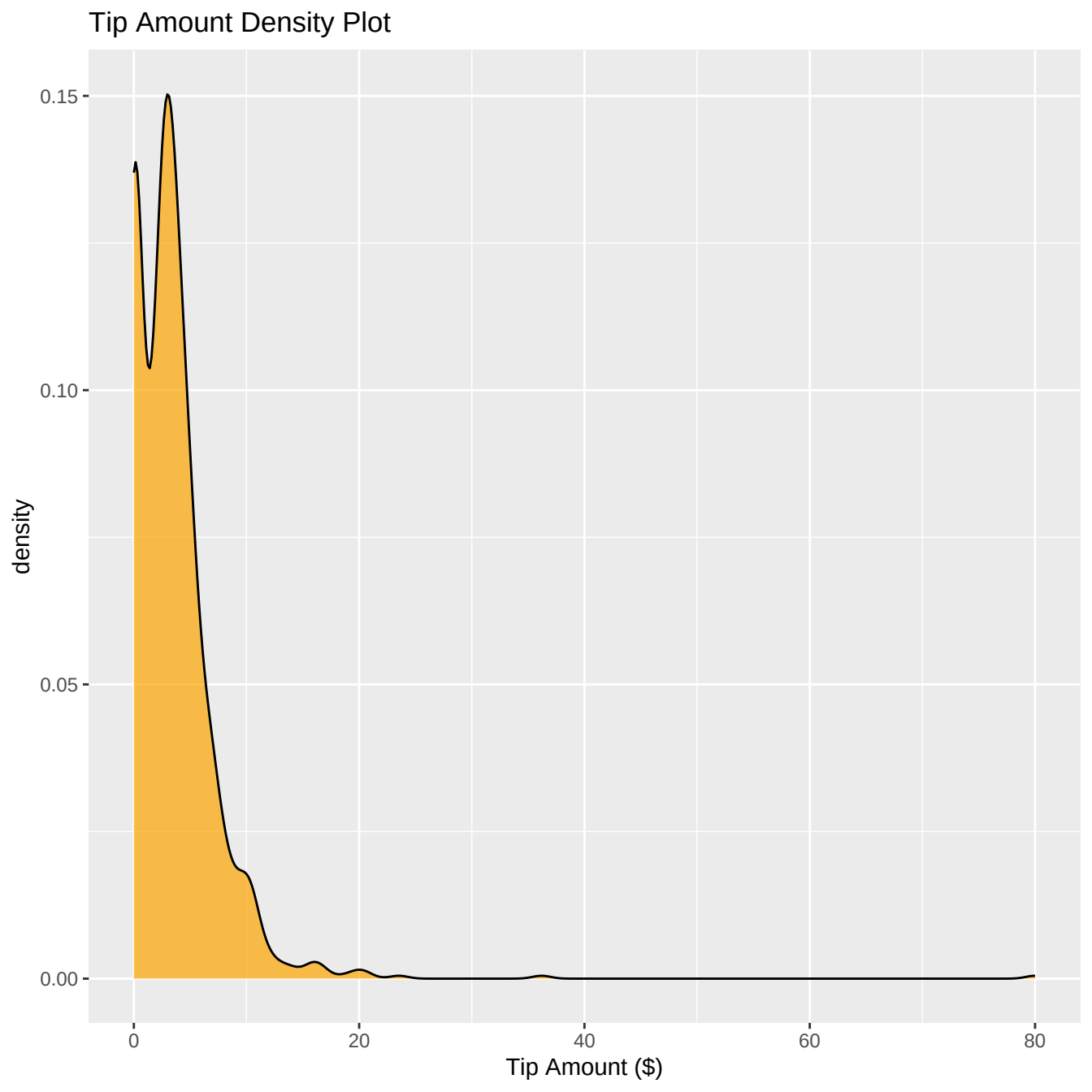
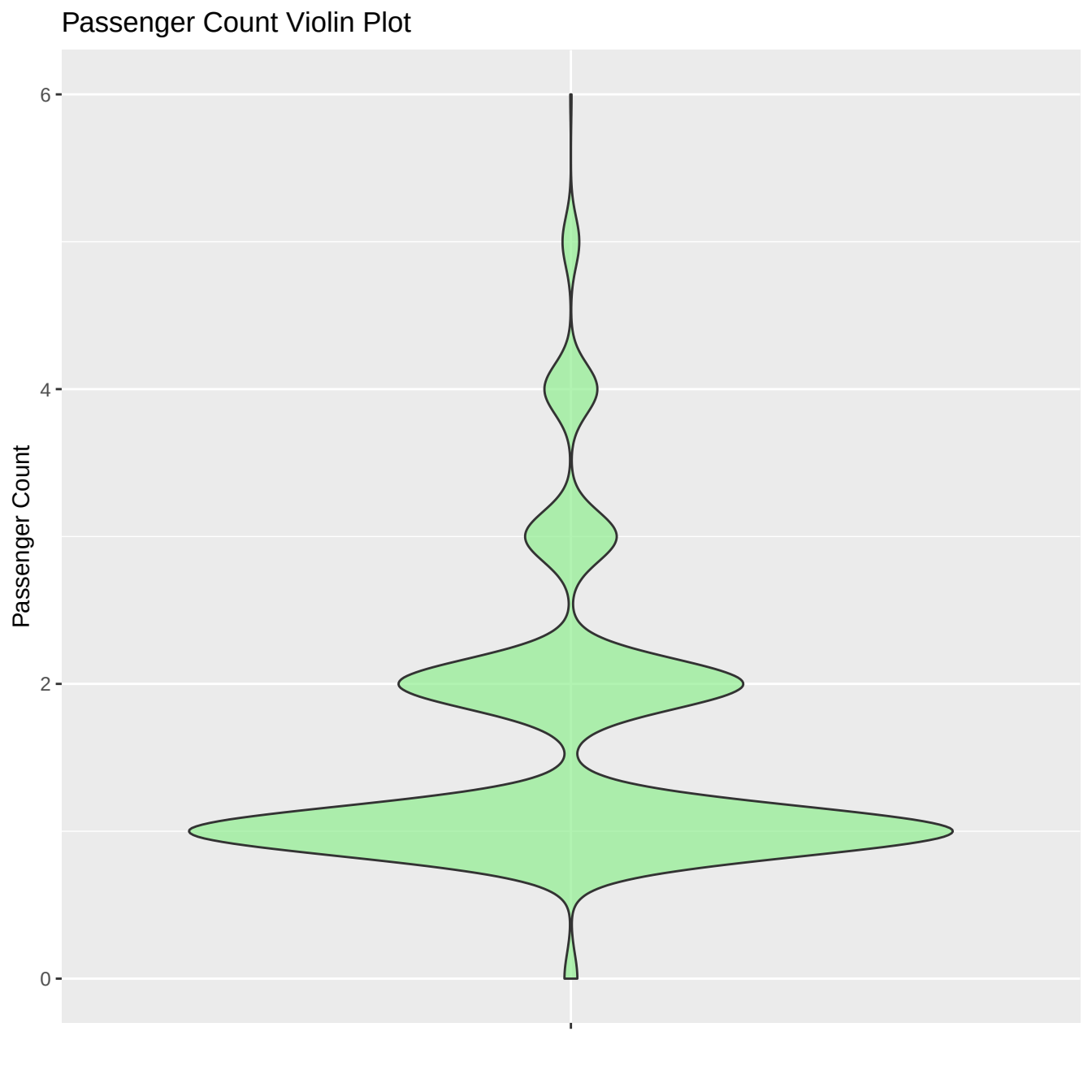
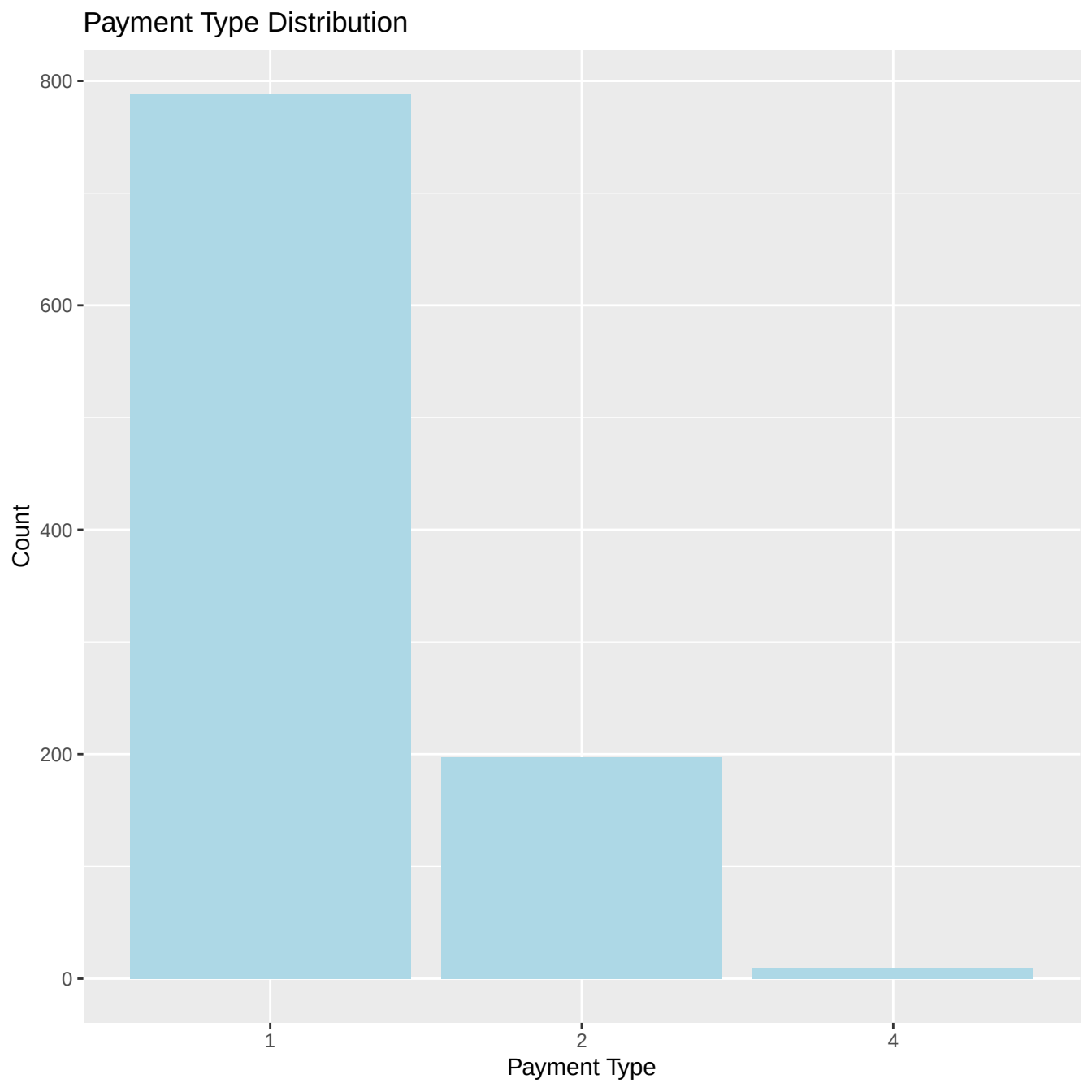

Trip Distance Distribution
Frequency
150
100
50
0
0
5
10
15
20
25
Trip Distance (miles)

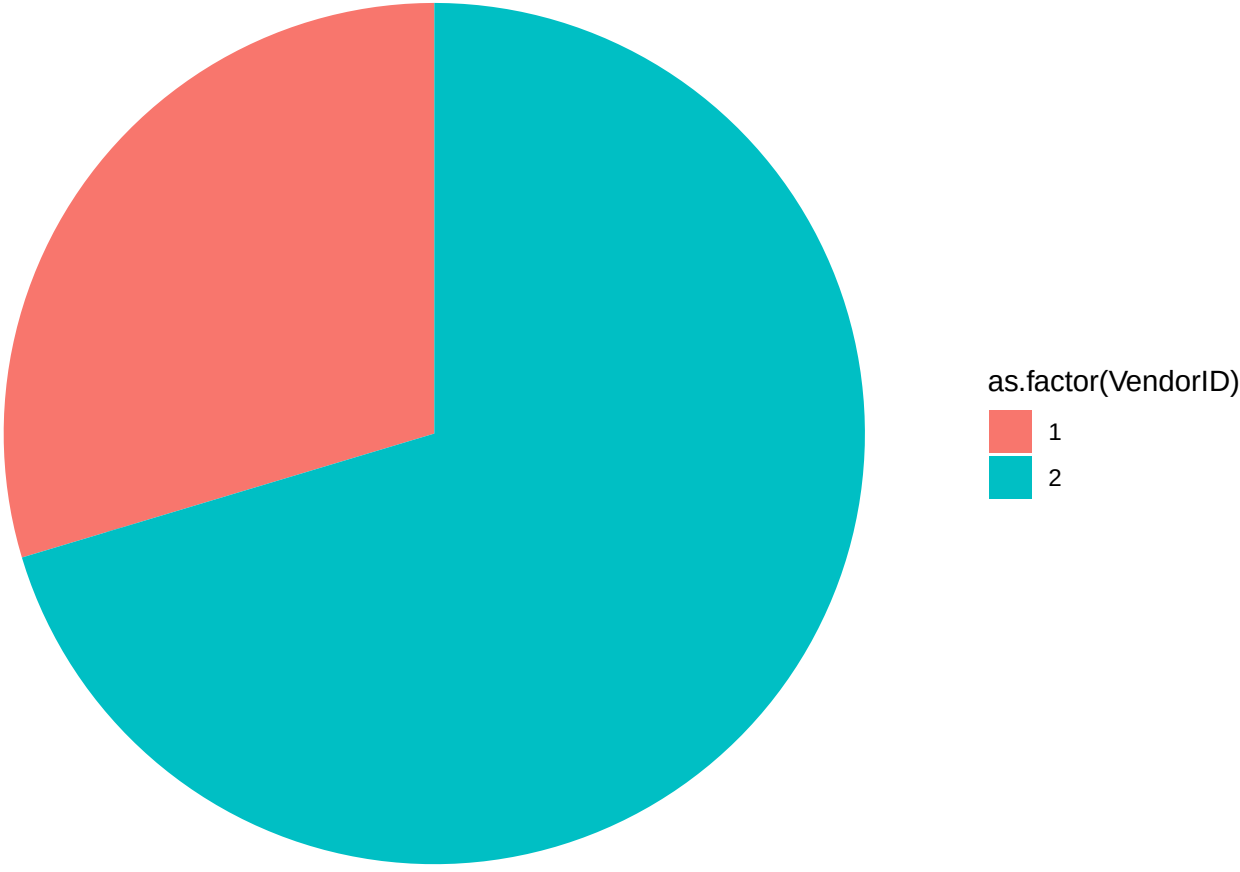

Fare Amount Box Plot
Fare Amount ($)
150
100
50
0
−50
−0.4
−0.2
0.0
0.2
0.4

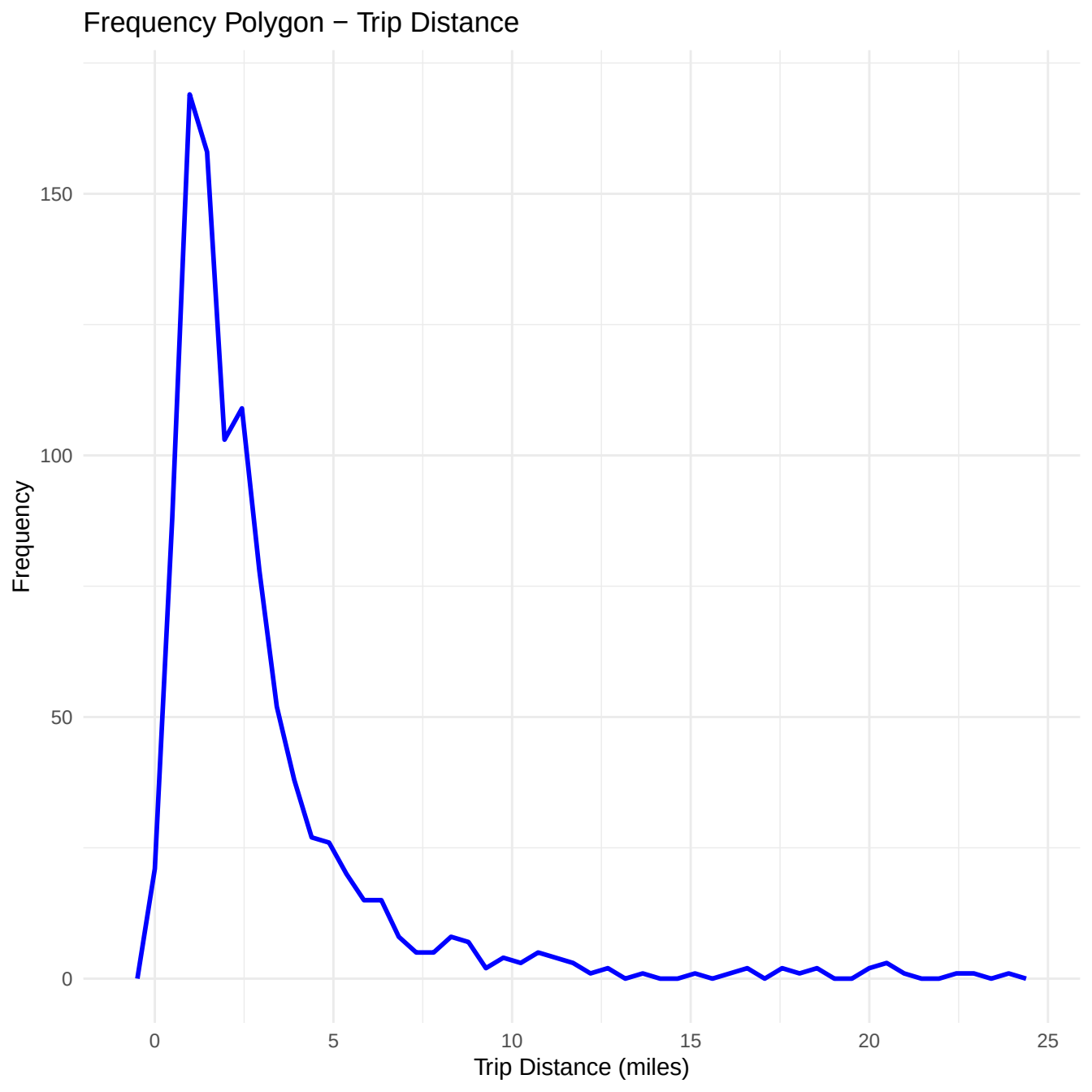

Tip Amount Density Plot
0.15
0.10
0.05
0.00
density
0
20
40
60
80
Tip Amount ($)

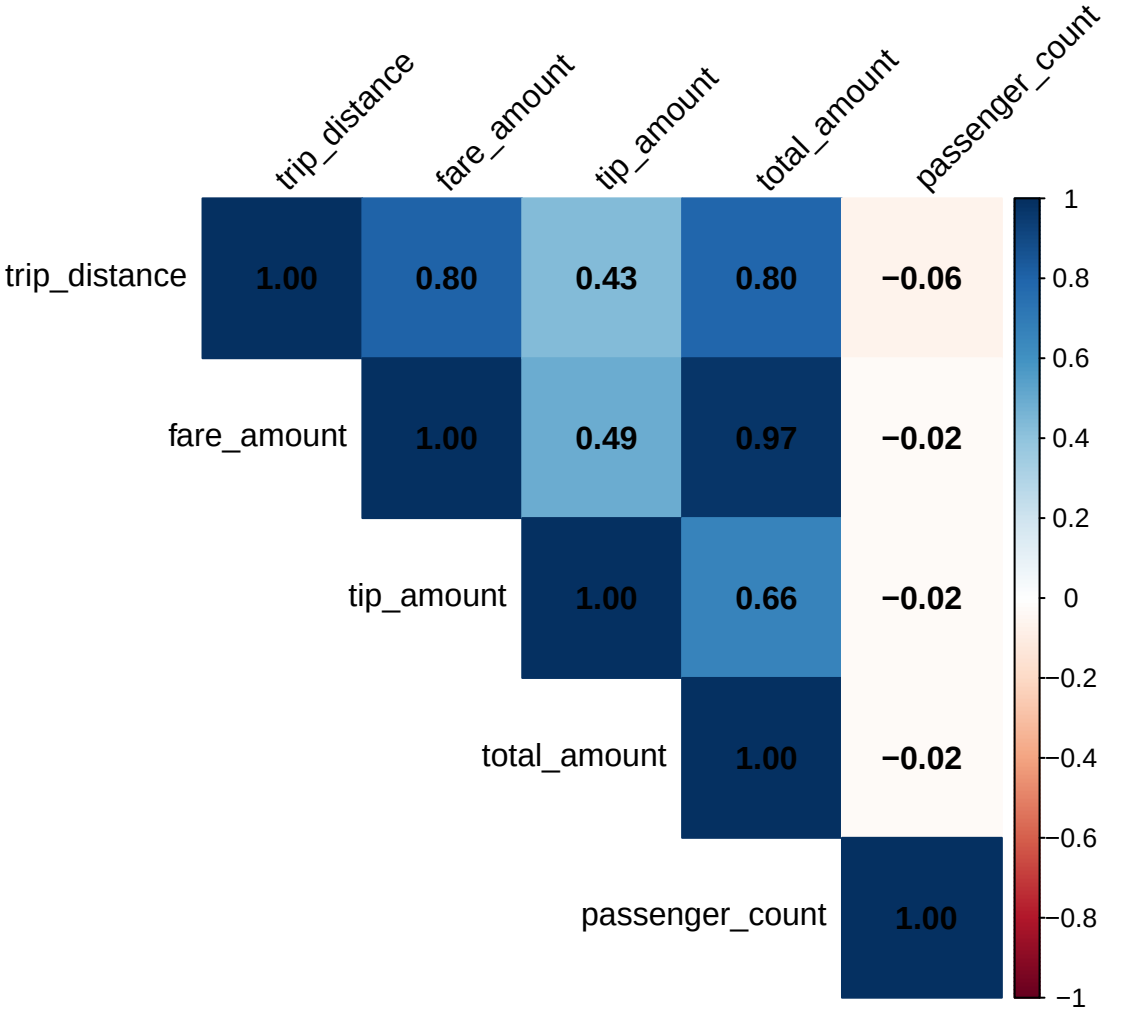

Passenger Count Violin Plot
Passenger Count
6
4
2
0

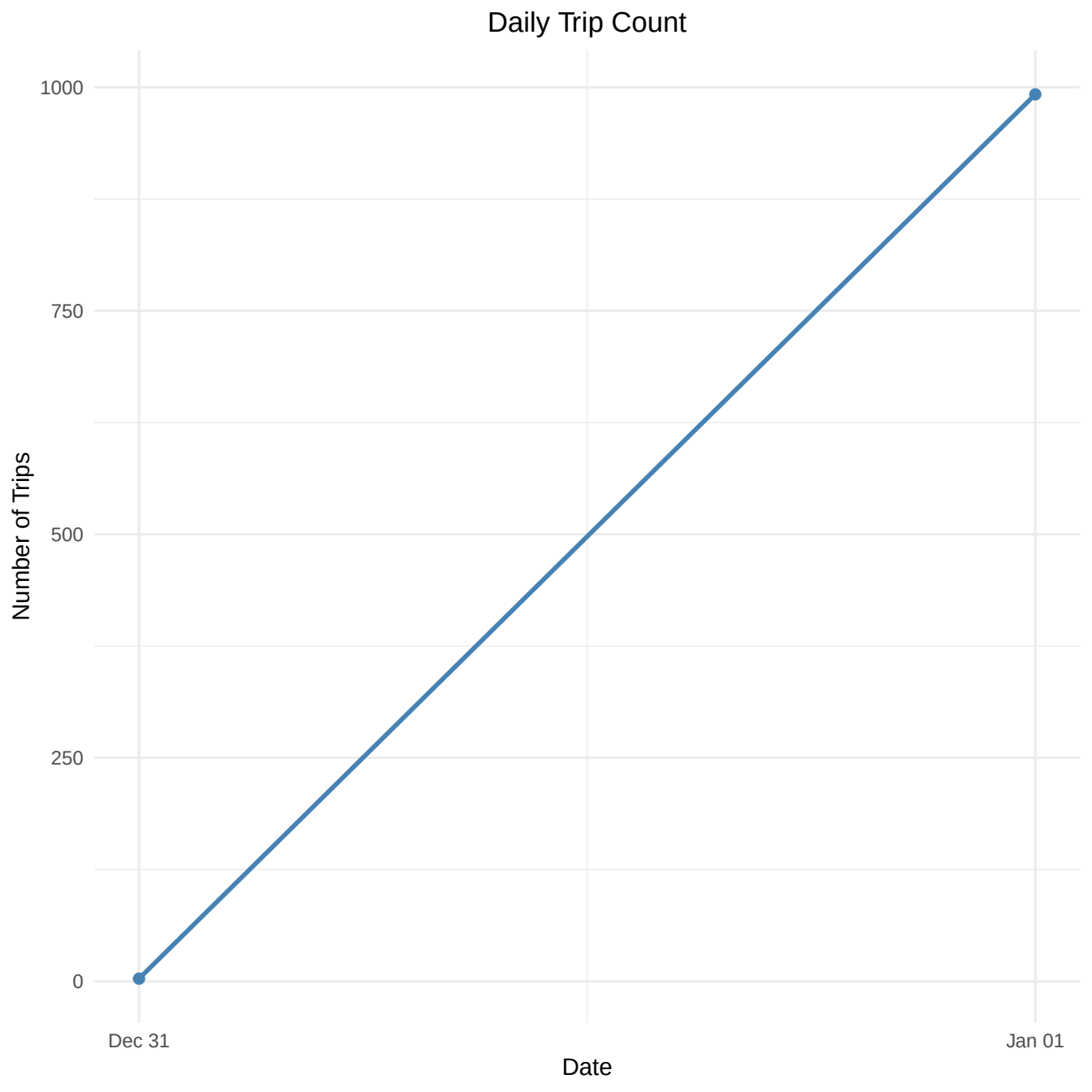

Payment Type Distribution
800
600
400
200
0
Count
1
2
4
Payment Type

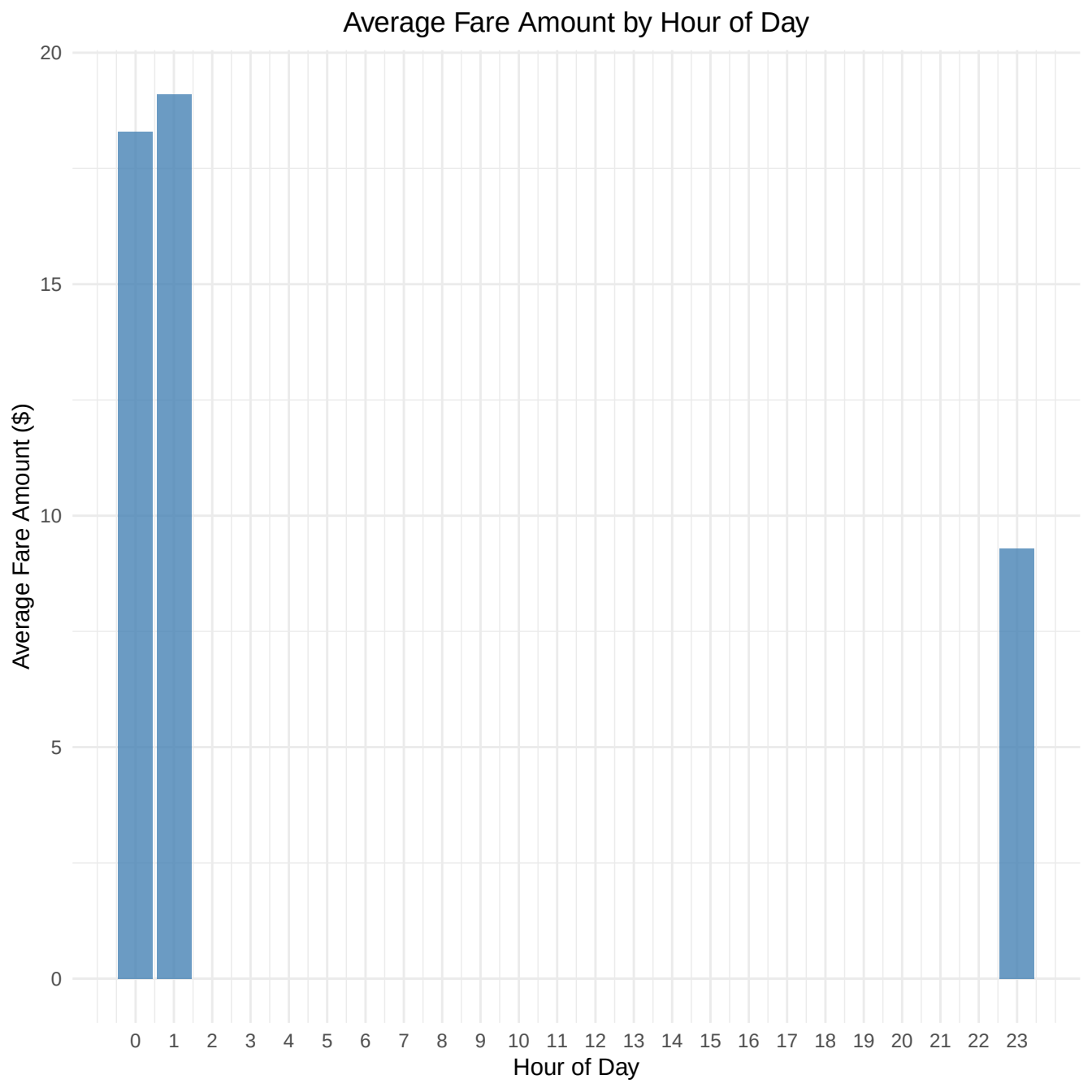
Vendor ID Distribution

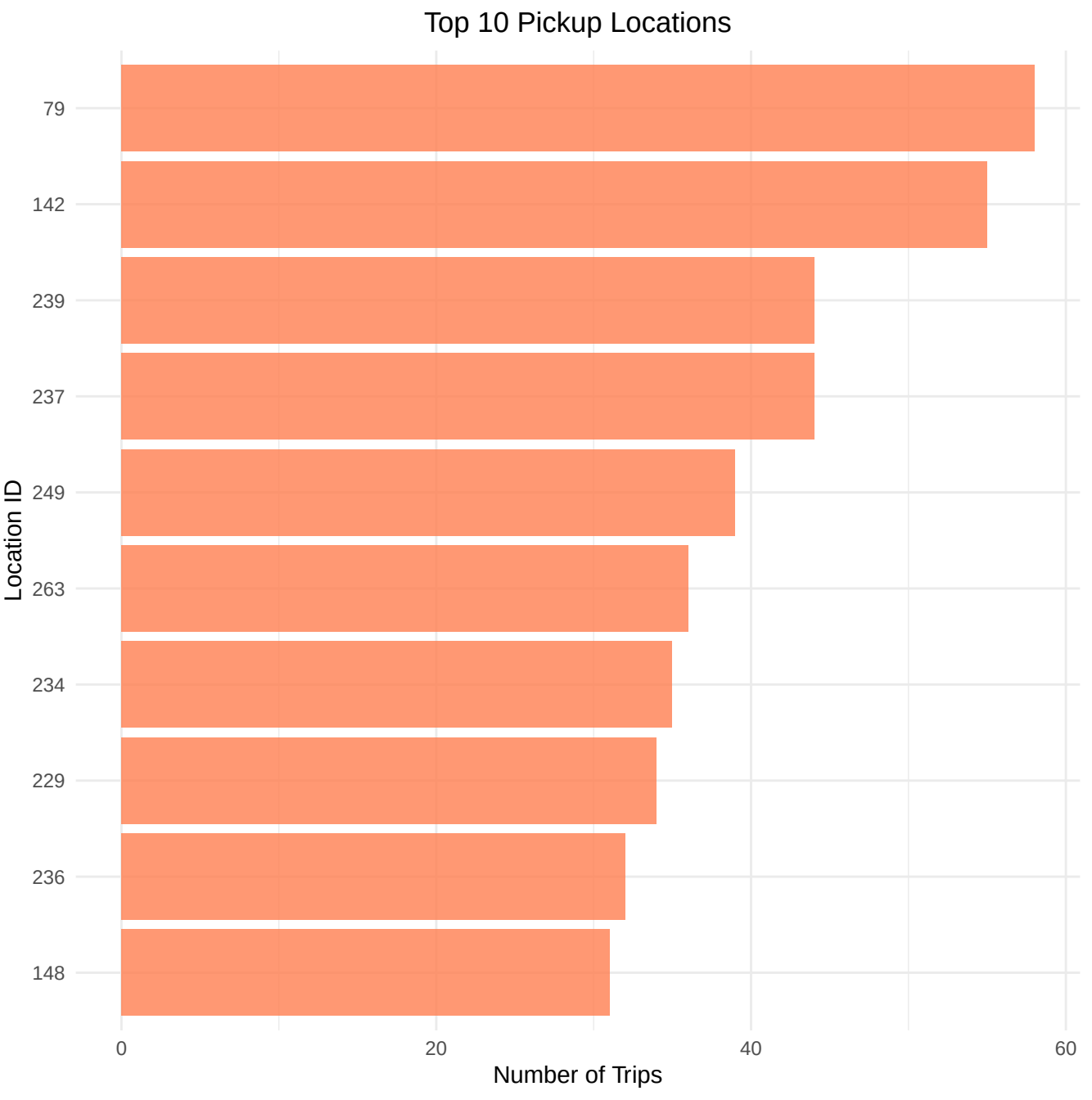


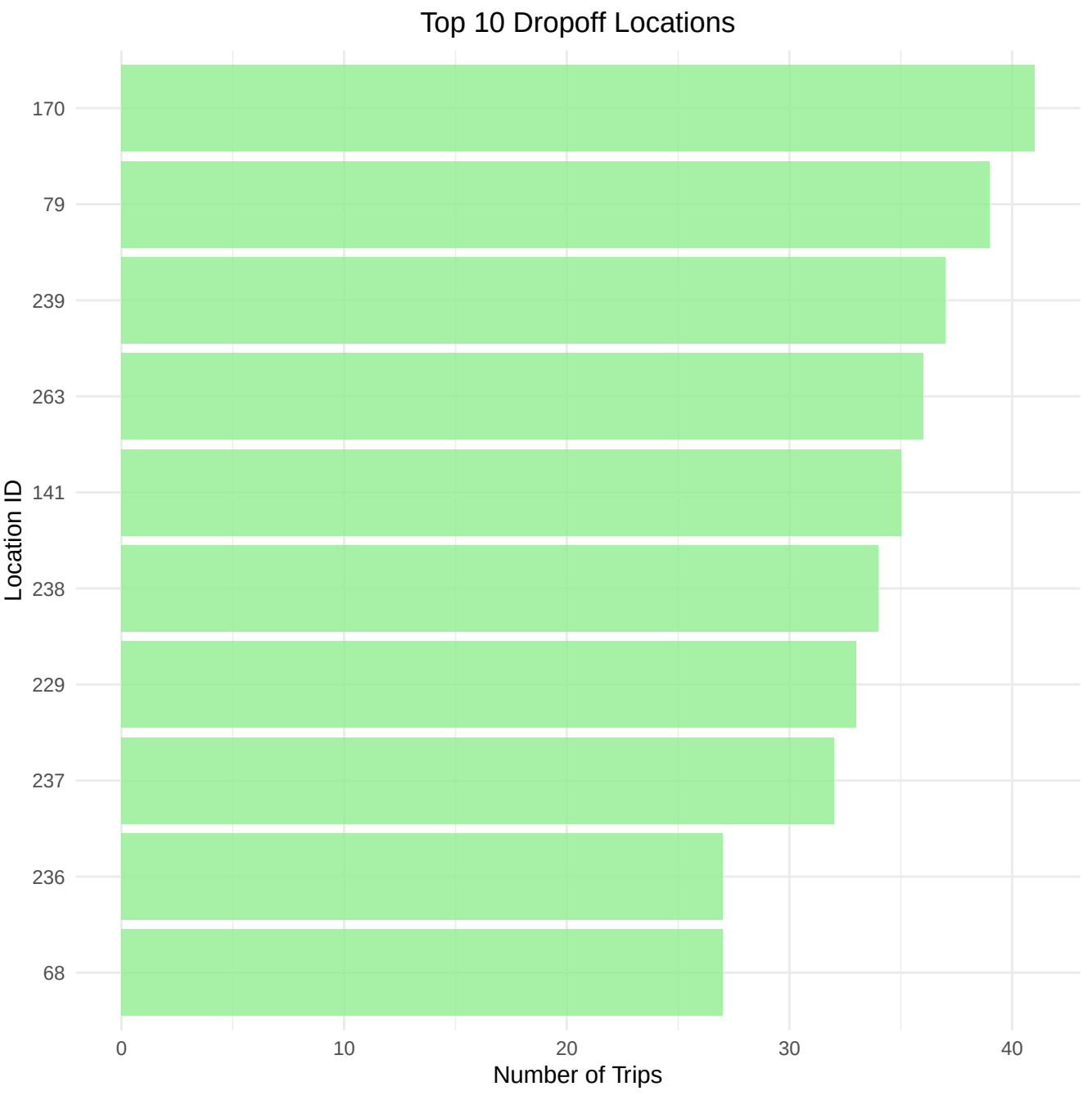

Frequency Polygon − Trip Distance
150
100
50
0
Frequency
0
5
10
15
20
25
Trip Distance (miles)


trip_distance
fare_amount
tip_amount
total_amount
passenger_count
trip_distance
fare_amount
tip_amount
total_amount
passenger_count
1.00
0.80
0.43
0.80
−0.06
1.00
0.49
0.97
−0.02
1.00
0.66
−0.02
1.00
−0.02
1.00
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1


Daily Trip Count
1000
750
500
250
0
Number of Trips
Dec 31
Jan 01
Date


Average Fare Amount by Hour of Day
Average Fare Amount ($)
20
15
10
5
0
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
Hour of Day


Top 10 Pickup Locations
Location ID
79
142
239
237
249
263
234
229
236
148
0
20
40
60
Number of Trips


Top 10 Dropoff Locations
Location ID
170
79
239
263
141
238
229
237
236
68
0
10
20
30
40
Number of Trips