The purpose of this data is to create summary data frame that will show ride sharing data by city. According to data we need to find weekly fares of the city. after finding the data we need to visualize the data into pivot table and graph. Graph shows the city (rural, urban, and suburban) fare rates of each month with dates.

Image shows following:

* Rural cities have the least number of drivers, rides, and total fares.
* Urban cities have the greatest number of drivers, rides, and total fares.
* Suburban cities are in the middle having the 2nd most drivers, rides, and total fares.
* Although Rural cities see the least number of drivers, rides & fares they have the highest average of fare per ride and fare per driver.
* Although the Urban cities command the most drivers, rides and fares they have the lowest average of fare per ride and fare per driver.

Table

Description automatically generated

TOTAL FARE BY CITY ACCORDING TO GRAPH

Chart, line chart

Description automatically generated

OVERVIEW:

From data we can tell what kind fares will be awarded based on city type. We didn’t explore individualy.in conclusion we can effectively say that a rural area will command a higher fare rate.

RECOMENDATION:

* Have your drivers assigned to different city types based off what type of cities they typically work in.
* Charge more per mile in urban cities because trips most likely are shorter and drivers don’t earn as much per trip.

Make small charge increases or decreases based off how many riders there are in the city during certain months