**PyBer Analysis (Ride Share Data)**

1. Overview of the analysis:

*Using data from three different types of cities, we performed an analysis on ride share data to see what the data would reflect (meaning what is like about them, and what is different about them). The three city types used are urban, suburban and rural.*

1. Results:

Below are the differences in the ride share data for the three city types. The ride share data includes: 1. the total rides, 2. total drivers, 3. total fares, 4. average fare per ride, and 5. Average fare per driver by city type.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **City Type** | **Total Rides** | **Total Drivers** | **Total Fares** | **Avg Fare per Ride** | **Avg Fare per Driver** |
| Rural | 125 | 78 | $4,327.93 | $34.62 | $55.49 |
| Suburban | 625 | 490 | $19,356.33 | $30.97 | $39.50 |
| Urban | 1625 | 2404 | $39,854.38 | $24.53 | $16.57 |

1. Summary:

The rural city type reflects the highest average fare per ride and highest average fare per driver with the lowest number of rides and drivers. The suburban city type reflects an average of $6 more per ride, and about $23 more per driver than the urban city type. The urban city type shows the highest number of rides and drivers. The urban city also had the lowest average fare per ride and average fare per driver. Due to the number of rides and drivers available in the urban city type, the total fares collected is much higher than rural and suburban cities.