

Dataset overview

Bicycle-sharing systems allow users to rent bicycles on a very short-term basis for a price. This allows people to borrow a bike from point A and return it at point B, though they can also return it to the same location if they'd like to just go for a ride. Regardless, each bike can serve several users per day. Thanks to the rise in information technologies, it is easy for a user of the system to access a dock within the system to unlock or return bicycles. These technologies also provide a wealth of data that can be used to explore how these bike-sharing systems are used. this data is about bikeshare systems in Chicago.

link of dataset

"<https://ride.divvybikes.com/system-data>"

exploration analysis

univariate exploration for gender

univariate exploration for brith data

univariate exploration for trip duration

bivariate exploration of gender and user type

bivariate exploration of gender and brith data

bivariate exploration brith year and trip duration

multivarite exploration between Birth Year , Trip Duration and Gender

multivarite exploration User Type, Birth Year and Gender

scatter matrix for data

explanatory analysis

clearing from exploration analysis that Most of the trips are around 500 second, it is clear that there is small number of customer male and female and that we must encourage pepole to converted to customers Young males are the ones who take longer trips and also With age, men tend to ride bicycles so offers must be made to them to attract them more.