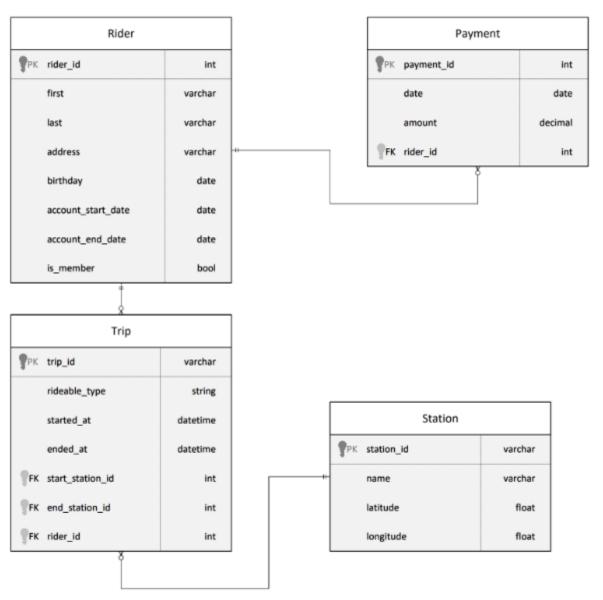
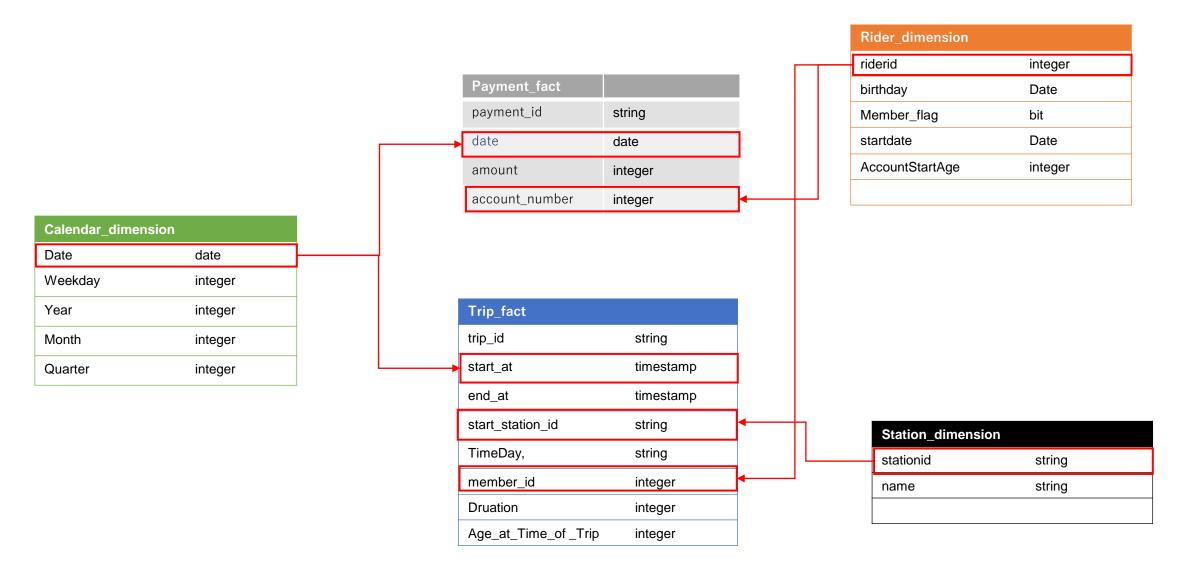
The business outcomes

- 1. Analyze how much time is spent per ride
 - 1. Based on date and time factors such as day of week and time of day
 - 2. Based on which station is the starting and / or ending station
 - 3. Based on age of the rider at time of the ride
 - 4. Based on whether the rider is a member or a casual rider
- 2.Analyze how much money is spent
 - 1. Per month, quarter, year
 - 2. Per member, based on the age of the rider at account start
- 3.EXTRA CREDIT Analyze how much money is spent per member
 - 1. Based on how many rides the rider averages per month
 - 2. Based on how many minutes the rider spends on a bike per month



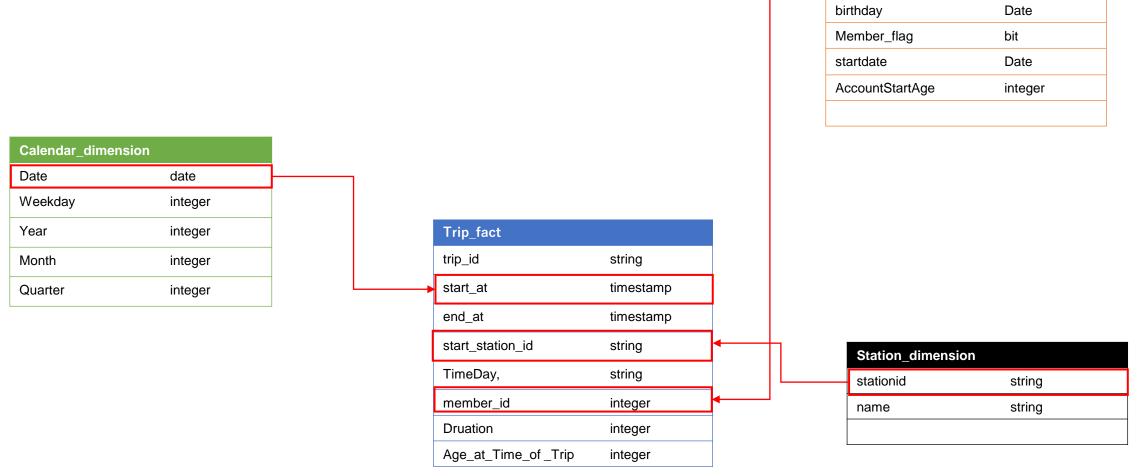
Relational ERD for the Divvy Bikeshare Dataset (with fake data tables)

Star schema based on the relational diagram and the business problems



Analyze how much time is spent per ride

- 1. Based on date and time factors such as day of week and time of day
- 2. Based on which station is the starting and / or ending station
- 3. Based on age of the rider at time of the ride
- 4. Based on whether the rider is a member or a casual rider



Rider dimension

integer

riderid

Analyze how much money is spent

Month

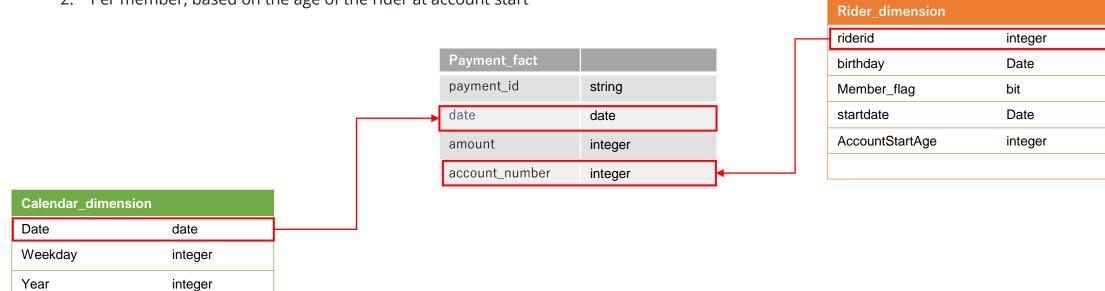
Quarter

1. Per month, quarter, year

integer

integer

2. Per member, based on the age of the rider at account start



EXTRA CREDIT - Analyze how much money is spent per member

Payment_fact

account_number

payment_id

date

amount

- 1. Based on how many rides the rider averages per month
- 2. Based on how many minutes the rider spends on a bike per month

