

Design Considerations

- 4 dimensions
 - rider_dim - to analyse how much trips the rider take, to analyze riders age for the trip etc.
 - date_dim - provides date (at year, month, quarter etc) context to the trip fact & payment fact.
 - time_dim - provides time (at hour, minute, second) contex to the trip fact only .
 - station_dim - provides station details along with latitude & longitude context to trip fact
- 2 facts
 - trip_fact
 - The grain of the trip fact is trip_id from the trip_staging table.
 - Measures include trip_duration in interval format & rider_age at the start of the trip.
 - payment_fact
 - The grain of the payment_fact is payment_id from the payment_staging table.
 - Payment fact doesn't include association with time dimension, as teh data at payment is at date level

