Dimensional Model for Bike Rental Data

dim_rider

PK	**dim_rider_id**
	rider_id [int]
	rider_first_name [varchar(250)]
	rider_last_name [varchar(250)]
	address [varchar(4000)]
	birthday [date]
	birthday_dim_date_id [int]
	rider_age_at_account_start [int]
	account_start_date [date]
	account_start_dim_date_id [int]
	account_end_date [date]
	account_end_dim_date_id [int]
	member_flag [varchar(1)]

fact_trip

PK	**fact_trip_id**
	trip_id [int]
	dim_rider_id [int]
	start_dim_date_id [int]
	end_dim_date_id [int]
	start_datetime [datetime2]
	end_datetime [datetime2]
	rider_age [int]
	start_dim_station_id [int]
	end_dim_station_id [int]
	rideable_type [varchar(4000)]
	ride_duration [int]
	ride_count [int]

dim_station

PK	**dim_station_id**
	station_id [varchar(250)]
	station_name [varchar(250)]
	latitude [float]
	longitude [float]

date_dim

PK	**date_dim_id**
	year [int]
	month [int]
	day [int]

payment_fact

PK	**fact_payment_id**
	payment_id [int]
	dim_rider_id [int]
	payment_dim_date_id [int]
	payment_amount [decimal]
	payment_count [int]