

DIM_STATION			
int	station_id	PK	
string	station_KEY		surrogate key
string	name		
float	latitude		
float	longitude		

DIM_RIDER			
int	rider_id	PK	
bigint	rider_key		surrogate key
string	first		
string	last		
string	address		
date	birthday_date		
int	account_start_date_key		REFERENCES DIM_DATE(date_key)
int	account_end_date_key		REFERENCES DIM_DATE(date_key)
bit	is_member		
int	rider_age_at_account_start		

DIM_TIME			
int	time_key	PK	surrogate key
time	time		
int	hour		
int	minute		
string	time_of_day		
bit	is_rush_hour		

DIM_DATE			
int	date_key	PK	surrogate key
date	date_date		
int	year		
int	quarter		
int	month		
int	week_of_year		
int	weekday		
bit	is_weekend		

FACT_TRIP		
string	trip_id	
bigint	rider_key	References DIM_RIDER(rider_key)
int	start_date_key	References DIM_DATE(date_key)
int	start_time_key	References DIM_TIME(time_key)
int	end_date_key	References DIM_DATE(date_key)
int	end_time_key	References DIM_TIME(time_key)
int	trip_duration_minutes	
string	start_station_key	References DIM_STATION(station_KEY)
string	end_station_key	References DIM_STATION(station_KEY)
int	rider_age_at_trip_start	

FACT_PAYMENT			
bigint	payment_id	PK	
int	date_key		References DIM_DATE(date_key)
bigint	rider_key		References DIM_RIDER(rider_key)
float	amount		

start\_station\_key /  
end\_station\_key

rider\_key

start\_time\_key / end\_time\_key

start\_date\_key / end\_date\_key

date\_key