Data Modelling Documentation

Link to schema: https://app.quickdatabasediagrams.com/#/d/fWEwXP
DB schema diagram for Moby Bikes.
MongoDB

Customer

Field	Description	Type	Default	Other
CustomerID		int		PK
Name		string		INDEX
Address1		string		
Address2		string		NULLABLE
Address3		string		NULLABLE

Rentals

Table documentation comment 1 (try the PDF/RTF export)
Table documentation comment 2

Field	Description	Type	Default	Other
_id		int		PK
Name	Field documentation comment 1 Field documentation comment 2 Field documentation comment 3	varchar(200)		UNIQUE
BikeID		int		
Date		date		
Hour		int		
Month		int		
WeekDay	Whether the day is neither a weekend nor holiday	bool		
Holiday	Wether the day is considered a holiday	bool		
Season	1 = Spring 2 = Summer 3 = Fall 4 = Winter	category		
BatteryStart		int		
BatteryEnd		int		
Duration		timestamp		
Geometry		array		

Geometry

Field	Description	Type	Default	Other
RentalID		int		FK
Latitude		string		
Longitude		string		

Weather

Field	Description	Type	Default	Other
_id		int		PK
RentalID		int		FK
Hour		int		
Temperature	Temperature in Celsius	int		
WindSpeed	Wind speed	int		
Humidity	Relative humidity	int		
Atemp	'feels like' temperature in Celsius	int		
Condition	1. Clear 2. Mist 3. Light rain/snow 4. Heavy rain/snow	category		