Relational Mapping of EER Diagram

Borealis AI Mentorship

March 17, 2021

1 Relational Mapping

City[City, Country, Population, Size]

Borough[Borough, City, Country, Population, Size]

WaterUser[ID, Borough, City, Country, Region, FundingSource, TDS, StreetLocation, BuildingType]

CityWater[ID, City, Country, StartDate, EndDate, Consumption, Charges]

BoroughWater[ID, Borough, City, Country, StartDate, EndDate, Consumption, Charges]

UserWater[ID, User, StartDate, EndDate, Consumption, Charges]

FutureCity[ID, City, Country, StartDate, EndDate, Consumption]

FutureBorough[ID, Borough, City, Country, StartDate, EndDate, Consumption]

Foreign Keys:

Borough.{City, Country} references City.{City, Country}

WaterUser.{Borough, City, Country} references Borough.{Borough, City, Country}

CityWater.{City, Country} references City.{City, Country}

BoroughWater.{Borough, City, Country} references Borough.{Borough, City, Country}

UserWater.User references WaterUser.ID

FutureCity.{City, Country} references City.{City, Country}

FutureBorough.{Borough, City, Country} references Borough.{Borough, City, Country}