

# Relational Mapping of EER Diagram

Borealis AI Mentorship

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## 1 Relational Mapping

City[City, Country, Population, Size]

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

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

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

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

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

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

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

### Foreign Keys:

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

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

CityWater.City references City.{City, Country}

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

UserWater.User references WaterUser.ID

FutureCity.City references City.{City, Country}

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