Bank Functional Dependencies

Branch_Num → (Location, Num_Employees, Num_Clients)

Bank Information Table

Branch_Num	Location	Num_Employees	Num_Clients
INT	VARCHAR	INT	INT

Employees Functional Dependencies

Employee_ID → (Employee Name, Age, Title, Is_Admin)
Title → (Is_Admin)

Employee Information Table

Employee_ID	Employee Name	Age	Title
INT	VARCHAR	INT	ENUM

Title	Is_Admin
ENUM	BOOLEAN

Next Sprint:

Looking to add some linking between the two like having the employee info include the Branch_Num for joining purposes

Try to add SQL lines to update the Num_Employees and Num_Clients

Client + Subscription + Account Functional Dependencies

Client_ID → (Client Name, Credit Card Type, Credit Score)

Subscription_ID → (Client_ID (and other Client info), Subscription Date, Service Type, Monthly Fee, Subscription Status)

Account_Num → (Client_ID (and other Client info), Balance, Account Type)

Client Information Table

Client_ID	Client Name	Credit Card Type	Credit Score
INT	VARCHAR	ENUM	INT

Client To Subscription Link

Client_ID	Subscription_ID
INT	INT

Subscription Information Table

Subscription_ID	Client_ID	Subscription Date	Service Type	Monthly Fee	Subscription Status
INT	INT	DATE	ENUM	DOUBLE	BOOLEAN

Account Information Table

Account_Num	Client_ID	Balance	Account Type
INT	INT	VARCHAR	ENUM