

### **Bank Functional Dependencies**

Branch\_Num → (Location, Num\_Employees, Num\_Clients)

### **Bank Information Table**

<u>Branch_Num</u>	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**

<u>Employee_ID</u>	Employee Name	Age	Title
INT	VARCHAR	INT	ENUM

Title	Is_Admin
ENUM	BOOLEAN

### **Next Sprint:**

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**

<u>Client_ID</u>	Client Name	Credit Card Type	Credit Score
INT	VARCHAR	ENUM	INT

### **Client To Subscription Link**

<u>Client_ID</u>	<u>Subscription_ID</u>
INT	INT

### **Subscription Information Table**

<u>Subscription_ID</u>	<u>Client_ID</u>	Subscription Date	Service Type	Monthly Fee	Subscription Status
INT	INT	DATE	ENUM	DOUBLE	BOOLEAN

### **Account Information Table**

<u>Account_Num</u>	<u>Client_ID</u>	Balance	Account Type
INT	INT	VARCHAR	ENUM