

Bank Functional Dependencies

branch_num → (location, num_employee, num_client)

Bank Information Table

<u>branch_num</u>	location	num_employee	num_client
INT	VARCHAR	INT	INT

Employees Functional Dependencies

employee_id → (name, age, title, is_admin, hire_date)

title → (is_admin)

Employee Information Table

<u>employee_id</u>	employee name	age	title	hire_date
INT	VARCHAR	INT	ENUM	DATE

title	is_admin
ENUM	BOOLEAN

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