**SQL Operations Report for Banking Dataset**

This report contains SQL operations based on the structure of the provided Banking dataset. Below is a summary of SQL operations relevant to this data.

**Suggested SQL Table Schema**

|  |  |
| --- | --- |
| **Column Name** | **Data Type** |
| Client\_ID | VARCHAR(20) |
| Name | VARCHAR(100) |
| Age | INT |
| Location\_ID | INT |
| Joined\_Bank | DATE |
| Occupation | VARCHAR(100) |
| Fee\_Structure | VARCHAR(20) |
| Loyalty\_Classification | VARCHAR(20) |
| Bank\_Deposits | DECIMAL(12,2) |
| Checking\_Accounts | DECIMAL(12,2) |
| Saving\_Accounts | DECIMAL(12,2) |
| Foreign\_Currency\_Account | DECIMAL(12,2) |
| Business\_Lending | DECIMAL(12,2) |
| Properties\_Owned | INT |
| Risk\_Weighting | INT |

**SQL Operations Examples**

**1. Total Customers by Occupation**

SELECT Occupation, COUNT(\*) AS Total\_Customers FROM bank\_data GROUP BY Occupation;

# Average Bank Deposits by Fee Structure

SELECT Fee\_Structure, AVG(Bank\_Deposits) AS Avg\_Deposits FROM bank\_data GROUP BY

Fee\_Structure;

# Total Business Lending by Loyalty Classification

SELECT Loyalty\_Classification, SUM(Business\_Lending) AS Total\_Lending FROM bank\_data

GROUP BY Loyalty\_Classification;

# Customers with Foreign Currency Accounts > 50000

SELECT Name, Foreign\_Currency\_Account FROM bank\_data WHERE Foreign\_Currency\_Account

> 50000;

# Average Savings by Risk Weighting

SELECT Risk\_Weighting, AVG(Saving\_Accounts) AS Avg\_Savings FROM bank\_data GROUP BY

Risk\_Weighting;