Bank of America Pl

A guide by Ahmed Chelly & Mehdi Zaied

Bank of America

CATEGORY **LEADERS**

La Bank of America Corporation est une banque d'investissement multinationale américaine et une société holding de services financiers dont le siège social est situé au Bank of America Corporate Center à Charlotte, en Caroline du Nord. La banque a été fondée à San Francisco.

Bank of America.

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Bank of America Dataset

14 Columns 3364 Row

ID: Customer

BAD: client defaulted on loan

LOAN

MORTDUE: Amount due on existing.

VALUE :of current property

REASON: = debt consolidation / home improvement

JOB

YOJ: Years at present job

DEROG: Number of major derogatory reports

DELINQ: Number of delinquent

credit lines

CLAGE: Age of oldest trade line

in months

NINQ: Number of recent credit

lines

CLNO: Number of credit lines

DEBTINC: *Debt-to-income*

ratio

The conditions for obtaining a loan

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• • •
CreditEligible = IF([LOAN] * 10 > [MORTDUE], 1, 0)
YearsOfServiceEligible = IF([YOJ] ≥ 4, 1, 0)
BankReportEligible = IF([DEROG] ≤ 1, 1, 0)
DebtIncomeRatioEligible = IF([DEBTINC] ≥ 37, 1, 0)
CreditApproved = IF(SUMX(Bank_America,[CreditEligible] * [YearsOfServiceEligible] *
[BankReportEligible] *[DebtIncomeRatioEligible]) = 1, 1, 0)
Total Credit Approved = Calculate ( CountRows ( Bank America ) ,
Bank America[CreditEligible] = 1, Bank America[YearsOfServiceEligible] = 1,
Bank America[BankReportEligible] = 1,Bank America[DebtIncomeRatioEligible] = 1)
```

Loan categorized by work category

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• • •
LoanWorkCategory =
SWITCH(TRUE().
[REASON] = "DebtCon" & [JOB] = "mgr", "Debt Consolidation (Manager)",
[REASON] = "DebtCon" & [JOB] = "officer". "Debt Consolidation (Officer)".
[REASON] = "DebtCon" & [JOB] = "other", "Debt Consolidation (Other)",
[REASON] = "DebtCon" & [JOB] = "profexe", "Debt Consolidation
(Professional/Executive)",
[REASON] = "DebtCon" & [JOB] = "sales". "Debt Consolidation (Sales)".
[REASON] = "DebtCon" & [JOB] = "self", "Debt Consolidation (Self-Employed)",
[REASON] = "HomeImp" & [JOB] = "mgr", "Home Improvement (Manager)",
[REASON] = "HomeImp" & [JOB] = "officer", "Home Improvement (Officer)",
[REASON] = "HomeImp" \delta \delta [JOB] = "other", "Home Improvement (Other)",
[REASON] = "HomeImp" & [JOB] = "profexe", "Home Improvement (Professional/Executive)",
[REASON] = "HomeImp" & [JOB] = "sales", "Home Improvement (Sales)",
[REASON] = "HomeImp" & [JOB] = "self", "Home Improvement (Self-Employed)",
"Other")
```

To add Customers Country and State

1 ² ₃ Index ▼	A ^B _C Country	¥	ABC 123 State	¥
 Valid 100% Error 0% Empty 0% 	ValidErrorEmpty	100% 0% 0%	ValidErrorEmpty	100% 0% 0%
0	United States		California	
1	United States		California	1
2	United States		California	
3	United States		California	
4	United States		California	
5	United States		California	
6	United States		California	
7	United States		California	
8	United States		California	
9	United States		California	
10	United States		California	

To add Customers Country and State

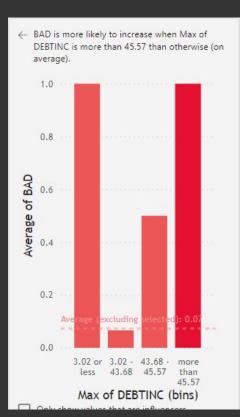
```
//To add Customers and Country
= Table.AddColumn(#"Changed Type", "Country", each "United States", type text)

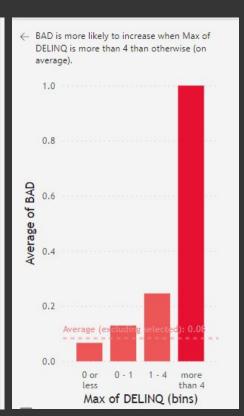
//To add Customers and State
= Table.AddColumn(#"Added Index", "State", each if [Index] < 1001 then "California" else if [Index] < 2001 then "Georgia" else if [Index] > 2000 then "Texas" else null)
```

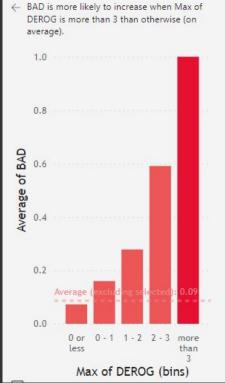
Loan Advice

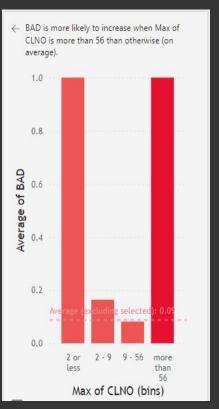
Increase The number of reports of the applicant to the bank from 1 to 2.

Increase The debt to income ratio from 37% To %45.74.









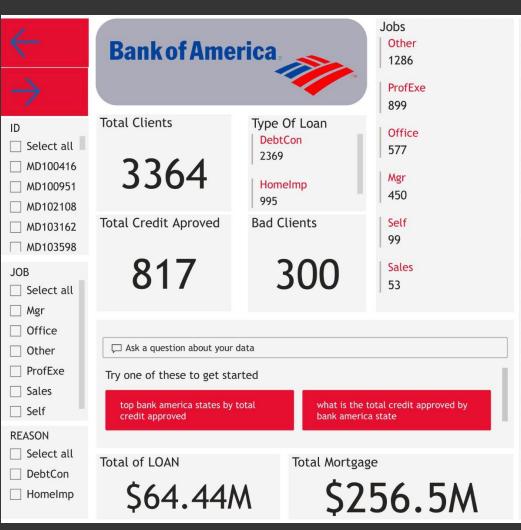
Report On Power Bl Server LINK 1

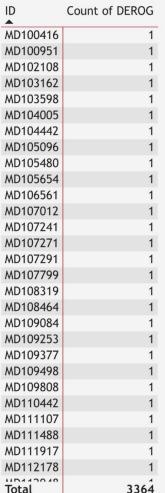
Bank of America _____

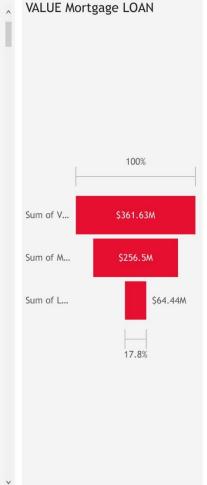
Overview

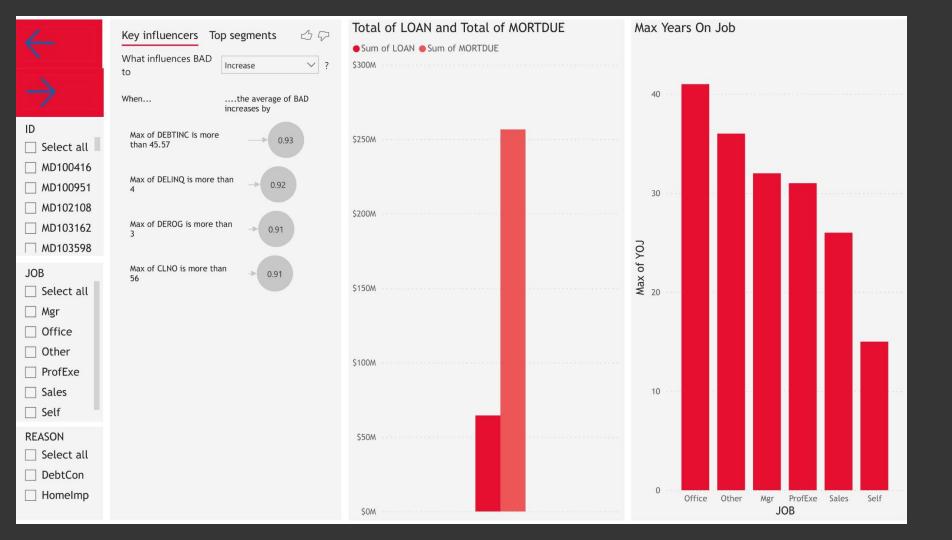
Key iInfluencers

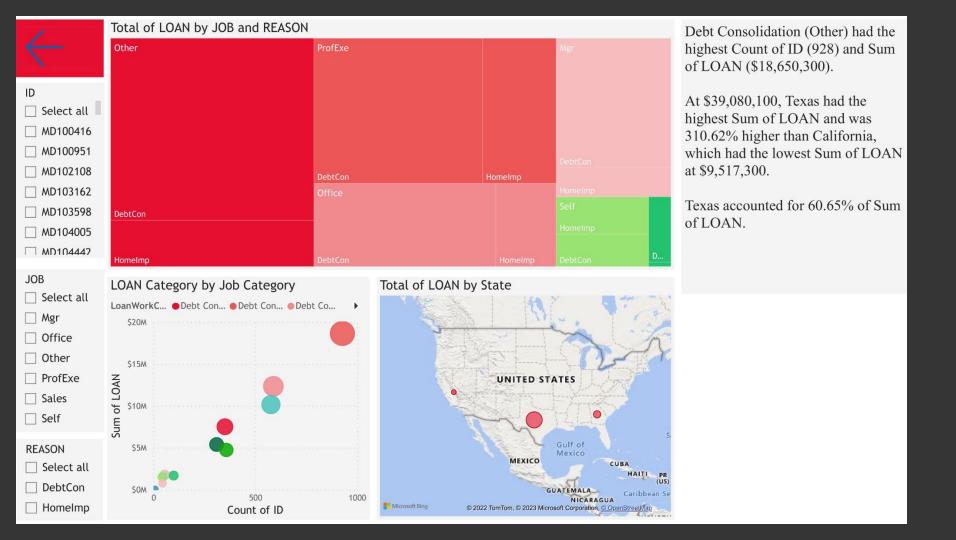
Analysis











Thank You