Query Document

Relatório de Empréstimos Bancários

# Resumo

# **KPI’s**

## Total de pedidos de empréstimo:

SELECT COUNT(id) AS Total\_Pedidos\_Emprestimos FROM bank\_loan\_data



## MTD pedidos de empréstimo:

SELECT COUNT(id) AS MTD\_Total\_Pedidos\_Emprestimos FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021



## PMTD pedidos de empréstimo:

SELECT COUNT(id) AS PMTD\_Total\_Pedidos\_Emprestimos FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



## Valor Total Financiado:

SELECT SUM(loan\_amount) as Valor\_Total\_Financiado from bank\_loan\_data



## MTD Valor Total Financiado:

SELECT SUM(loan\_amount) as MTD\_Valor\_Total\_Financiado from bank\_loan\_data

WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021



## PMTD Valor Total Financiado:

SELECT SUM(loan\_amount) as PMTD\_Valor\_Total\_Financiado from bank\_loan\_data

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



## Valor Total Empréstimos Pagos:

SELECT SUM(total\_payment) as Valor\_Total\_Pago from bank\_loan\_data



## MTD Valor Total Empréstimos Pagos:

SELECT SUM(total\_payment) as MTD\_Valor\_Total\_Pago from bank\_loan\_data

WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021



## PMTD Valor Total Empréstimos Pagos:

SELECT SUM(total\_payment) as PMTD\_Valor\_Total\_Pago from bank\_loan\_data

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



## Taxa Juros Média:

SELECT ROUND(AVG(int\_rate), 0)/100 AS Taxa\_Juros\_Media FROM bank\_loan\_data



## MTD Taxa Juros Média:

SELECT ROUND(AVG(int\_rate), 1)/100 AS MTD\_Taxa\_Juros\_Media FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 12 AND YEAR(issue\_date) = 2021



## PMTD Taxa Juros Média:

SELECT ROUND(AVG(int\_rate), 1)/100 AS PMTD\_Taxa\_Juros\_Media FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 11 AND YEAR(issue\_date) = 2021



## Média DTI:

SELECT ROUND(AVG(dti), 1) / 100 AS Media\_DTI from bank\_loan\_data



## MTD Média DTI:

SELECT ROUND(AVG(dti), 1) / 100 AS MTD\_Media\_DTI from bank\_loan\_data

WHERE MONTh(issue\_date) = 12 and YEAR(issue\_date) = 2021



## PMTD Média DTI:

SELECT ROUND(AVG(dti), 1) / 100 AS PMTD\_Media\_DTI from bank\_loan\_data

WHERE MONTh(issue\_date) = 11 and YEAR(issue\_date) = 2021



## Porcentagem de Bons Empréstimos:

SELECT

(COUNT(CASE WHEN loan\_status = 'Fully Paid' OR loan\_status = 'Current' THEN id END) \* 100)

/

COUNT(id) AS Porcentagem\_Emprestimos\_Bons

FROM bank\_loan\_data



## Quantidade de Empréstimos Bons:

SELECT COUNT(id) AS Total\_Emprestimos\_Bons FROM bank\_loan\_data

WHERE loan\_status = 'Fully Paid' or loan\_status = 'Current'



## Valor Total de Empréstimos Bons:

SELECT SUM(loan\_amount) AS Valor\_Total\_Emprestimos\_Bons FROM bank\_loan\_data

WHERE loan\_status = 'Fully Paid' or loan\_status = 'Current'



## Valor de Empréstimos Bons Pago:

SELECT SUM(total\_payment) AS Valor\_Emprestimos\_Bons\_Recebido FROM bank\_loan\_data

WHERE loan\_status = 'Fully Paid' or loan\_status = 'Current'



## Porcentagem de Empréstimos Ruins:

SELECT

(COUNT(CASE WHEN loan\_status = 'Charged Off' THEN id END) \* 100)

/

COUNT(id) AS Porcentagem\_Emprestimos\_Ruins

FROM bank\_loan\_data



## Quantidade de Empréstimos Bons:

SELECT COUNT(id) AS Total\_Emprestimos\_Ruins FROM bank\_loan\_data

WHERE loan\_status = 'Charged Off'



## Valor Total de Empréstimos Ruins:

SELECT SUM(loan\_amount) AS Valor\_Total\_Emprestimos\_Ruins FROM bank\_loan\_data

WHERE loan\_status = 'Charged Off'



## Valor de Empréstimos Ruins Pago:

SELECT SUM(total\_payment) AS Valor\_Emprestimos\_Ruins\_Recebido FROM bank\_loan\_data

WHERE loan\_status = 'Charged Off'



Situação do empréstimo

SELECT

loan\_status,

COUNT(id) AS Contagem\_Emprestimos,

SUM(total\_payment) AS Total\_Recebido,

SUM(loan\_amount) AS Total\_Financiado,

ROUND(AVG(int\_rate / 100), 2) AS Taxa\_Juros\_Media,

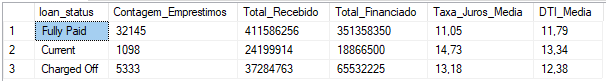
ROUND(AVG(dti / 100), 2) AS DTI\_Media

FROM

bank\_loan\_data

GROUP BY

loan\_status



## MTD Situação do empréstimo

SELECT

loan\_status,

SUM(total\_payment) AS MTD\_Total\_Recebido,

SUM(loan\_amount) AS MTD\_Total\_Financiado

FROM bank\_loan\_data

WHERE MONTH(issue\_date) = 12

GROUP BY loan\_status



**RELATÓRIO DE EMPRÉSTIMO BANCÁRIO | VISÃO GERAL**

**MESES**

SELECT

MONTH(issue\_date) AS Num\_Mes,

DATENAME(MONTH, issue\_date) AS Nome\_Mes,

COUNT(id) AS Total\_Pedidos\_Emprestimos,

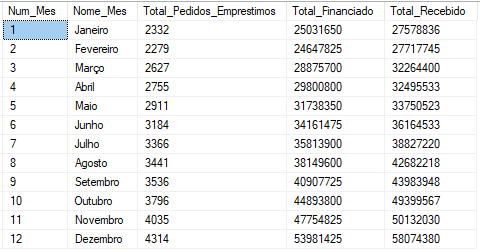
SUM(loan\_amount) AS Total\_Financiado,

SUM(total\_payment) AS Total\_Recebido

FROM bank\_loan\_data

GROUP BY MONTH(issue\_date), DATENAME(MONTH, issue\_date)

ORDER BY MONTH(issue\_date)

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**ESTADOS**

SELECT

address\_state AS Estado,

COUNT(id) AS Total\_Pedidos\_Emprestimos,

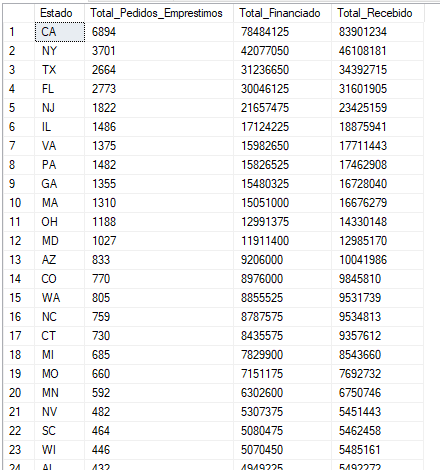
SUM(loan\_amount) AS Total\_Financiado,

SUM(total\_payment) AS Total\_Recebido

FROM bank\_loan\_data

GROUP BY address\_state

ORDER BY SUM(loan\_amount) DESC

****

**PRAZOS**

SELECT

term AS Prazo,

COUNT(id) AS Total\_Pedidos\_Emprestimos,

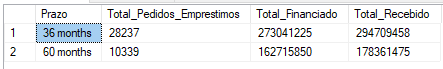
SUM(loan\_amount) AS Total\_Financiado,

SUM(total\_payment) AS Total\_Recebido

FROM bank\_loan\_data

GROUP BY term

ORDER BY term

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**TEMPO NO EMPREGO ATUAL**

SELECT

emp\_length AS tempo\_emprego\_atual,

COUNT(id) AS Total\_Pedidos\_Emprestimos,

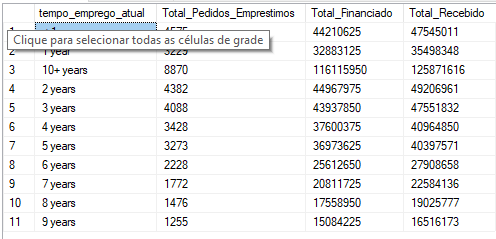
SUM(loan\_amount) AS Total\_Financiado,

SUM(total\_payment) AS Total\_Recebido

FROM bank\_loan\_data

GROUP BY emp\_length

ORDER BY emp\_length

****

**PROPÓSITO**

SELECT

purpose AS Motivo,

COUNT(id) AS Total\_Pedidos\_Emprestimos,

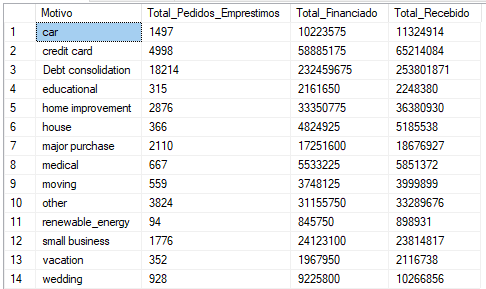
SUM(loan\_amount) AS Total\_Financiado,

SUM(total\_payment) AS Total\_Recebido

FROM bank\_loan\_data

GROUP BY purpose

ORDER BY purpose

****

**STATUS PROPRIEDADE DA CASA**

SELECT

home\_ownership AS status\_propriedade\_casa,

COUNT(id) AS Total\_Pedidos\_Emprestimos,

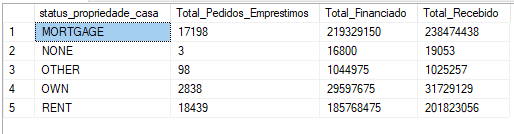
SUM(loan\_amount) AS Total\_Financiado,

SUM(total\_payment) AS Total\_Recebido

FROM bank\_loan\_data

GROUP BY home\_ownership

ORDER BY home\_ownership

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Nota: Aplicamos múltiplos filtros em todos os dashboards. Você também pode verificar os resultados dos filtros modificando a consulta e comparando os resultados.  
Por exemplo:  
Veja os resultados quando selecionamos a **Grade A** nos filtros dos dashboards.

SELECT

purpose AS Motivo,

COUNT(id) AS Total\_Pedidos\_Emprestimos,

SUM(loan\_amount) AS Total\_Financiado,

SUM(total\_payment) AS Total\_Recebido

FROM bank\_loan\_data

WHERE grade = 'A'

GROUP BY purpose

ORDER BY purpose

