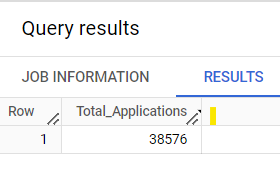
**BANK LOAN REPORT QUERY DOCUMENT**

**BANK LOAN REPORT | SUMMARY**

**KPIs**

**TOTAL APPLICATIONS**

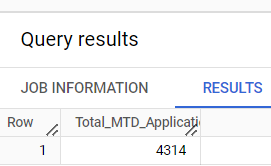
****

**TOTAL MTD APPLICATIONS**

SELECT Count(Distinct id) as Total\_MTD\_Applications

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE issue\_date BETWEEN '2021-12-01' and '2021-12-31'

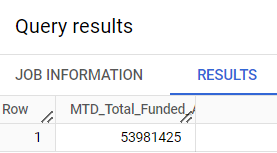


**MTD TOTAL FUNDED**

SELECT sum(loan\_amount) as MTD\_Total\_Funded\_Amount

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE issue\_date BETWEEN '2021-12-01' and '2021-12-31'

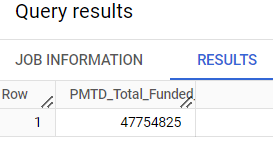


**PMTD TOTAL FUNDED AMOUNT**

SELECT sum(loan\_amount) as PMTD\_Total\_Funded\_Amount

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE issue\_date BETWEEN '2021-11-01' and '2021-11-30'

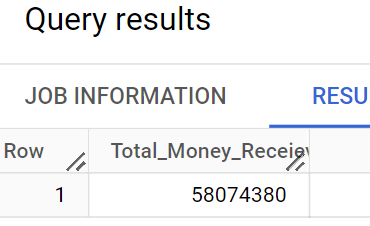


**TOTAL MONEY RECEIVED**

SELECT sum(total\_payment) as Total\_Money\_Receieved\_By\_Bank

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE issue\_date BETWEEN '2021-12-01' and '2021-12-31'

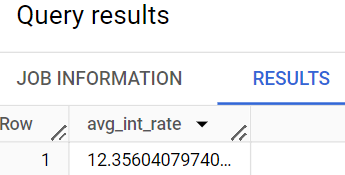


**AVG INT RATE**

SELECT AVG(int\_rate)\*100 as avg\_int\_rate

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE issue\_date BETWEEN '2021-12-01' and '2021-12-31'

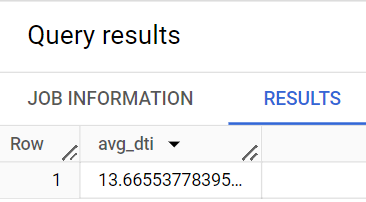


**AVG DTI**

SELECT AVG(dti)\*100 as avg\_dti

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE issue\_date BETWEEN '2021-12-01' and '2021-12-31'



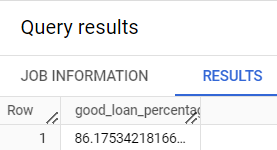
**GOOD LOANS**

**Good Loan Percentage**

SELECT Count(CASE WHEN loan\_status = 'Fully Paid'then id

WHEN loan\_status= 'Current'then id END)\*100 / count(id) as good\_loan\_percentage

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

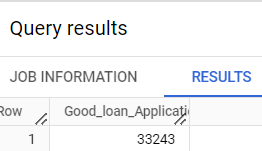


**Good loan Application’**

SELECT count(id) as Good\_loan\_Application

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE loan\_status = "Fully Paid" OR loan\_status= "Current"

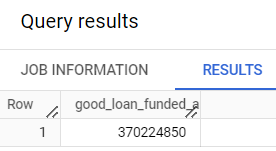


**Good Loan funded Amount**

SELECT sum(loan\_amount) as good\_loan\_funded\_amount

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE loan\_status = "Fully Paid" OR loan\_status= "Current"

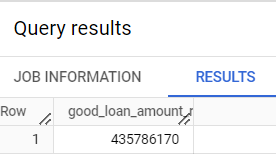


**Good Loan Amount Received**

SELECT sum(total\_payment) as good\_loan\_amount\_received

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE loan\_status = "Fully Paid" OR loan\_status= "Current"



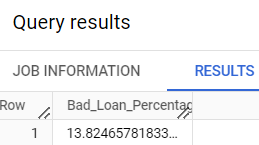
**BAD LOAN**

**Bad Loan Percentage**

SELECT

COUNT(CASE WHEN loan\_status = "Charged Off" then id end)\*100 / count(id) as Bad\_Loan\_Percentage

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

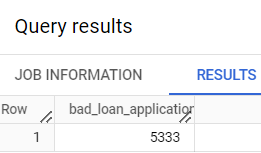


**Bad Loan Application**

‘SELECT count(id) as bad\_loan\_applications

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE loan\_status = "Charged Off"

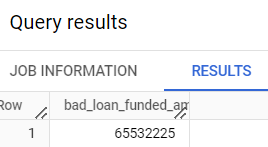


**Bad Loan Funded Amount**

SELECT Sum(loan\_amount) as bad\_loan\_funded\_amount

FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`

WHERE loan\_status = "Charged Off"

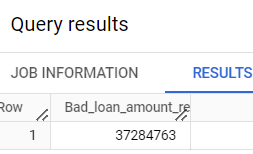


**Bad Loan Amount Received**

**SELECT Sum(total\_payment) as Bad\_loan\_amount\_received**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**WHERE loan\_status = "Charged Off"**

****

**SUMMARY**

**SELECT**

**loan\_status,**

**Count(id) as Loan\_Count,**

**Sum(total\_payment) as Total\_Amount\_Received,**

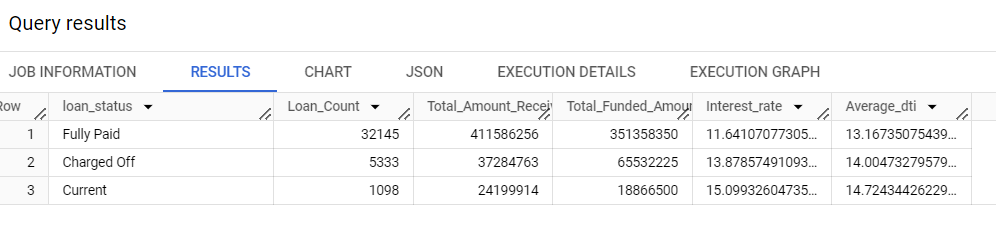
**Sum(loan\_amount) as Total\_Funded\_Amount,**

**Avg(int\_rate)\*100 as Interest\_rate,**

**Avg (dti)\*100 as Average\_dti**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**GROUP BY loan\_status**

****

**SUMMARY MTD**

**SELECT**

**loan\_status,**

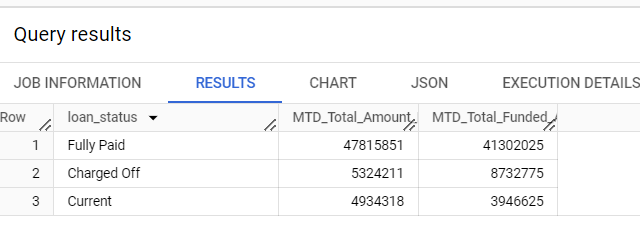
**Sum(total\_payment) as MTD\_Total\_Amount\_Received ,**

**Sum(loan\_amount) as MTD\_Total\_Funded\_Amount,**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**WHERE issue\_date between '2021-12-01' and '2021-12-31'**

**GROUP BY loan\_status**

****

**0BANK LOAN REPORT | OVERVIEW**

**MONTH**

**SELECT**

**FORMAT\_DATETIME ("%B",issue\_date) as month\_name,**

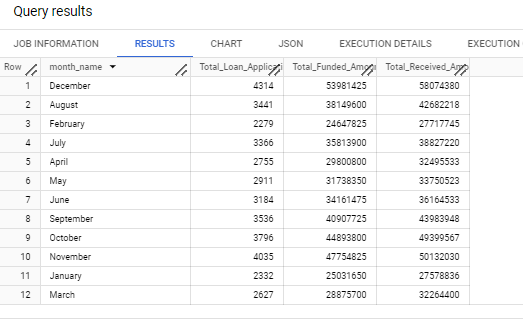
**count(id) as Total\_Loan\_Application,**

**Sum(loan\_amount) as Total\_Funded\_Amount,**

**Sum(total\_payment) as Total\_Received\_Amount,**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**GROUP BY FORMAT\_DATETIME ("%B" ,issue\_date)**

****

**STATE**

**SELECT**

**address\_state,**

**count(id) as Total\_Loan\_Application,**

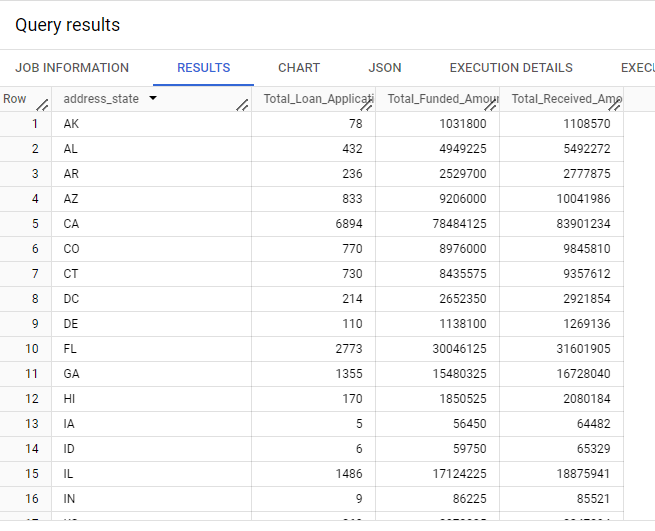
**Sum(loan\_amount) as Total\_Funded\_Amount,**

**Sum(total\_payment) as Total\_Received\_Amount,**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**GROUP BY address\_state**

**ORDER BY address\_state**

****

**TERM**

**SELECT**

**term,**

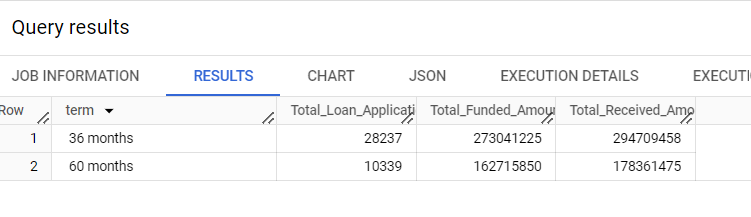
**count(id) as Total\_Loan\_Application,**

**Sum(loan\_amount) as Total\_Funded\_Amount,**

**Sum(total\_payment) as Total\_Received\_Amount,**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**GROUP BY term**

****

**EMPLOYEE LENGTH**

**SELECT**

**emp\_length,**

**count(id) as Total\_Loan\_Application,**

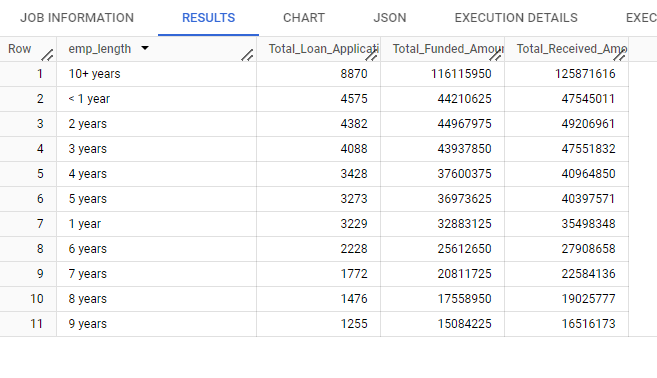
**Sum(loan\_amount) as Total\_Funded\_Amount,**

**Sum(total\_payment) as Total\_Received\_Amount,**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**GROUP BY emp\_length**

**ORDER BY count(id) DESC**

****

**PURPOSE**

**SELECT**

**purpose,**

**count(id) as Total\_Loan\_Application,**

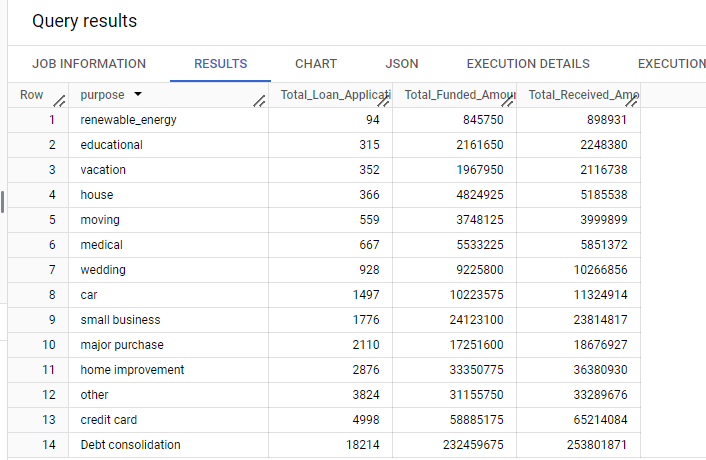
**Sum(loan\_amount) as Total\_Funded\_Amount,**

**Sum(total\_payment) as Total\_Received\_Amount,**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**GROUP BY purpose**

**ORDER BY count(id)**

****

**HOME OWNERSHIP**

**SELECT**

**home\_ownership,**

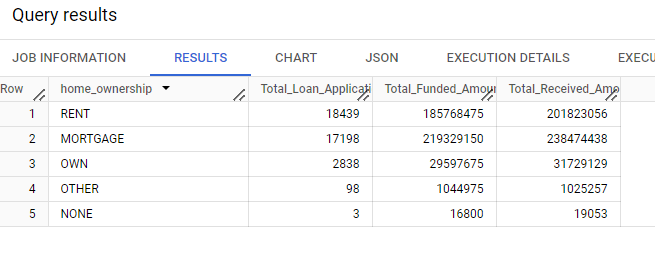
**count(id) as Total\_Loan\_Application,**

**Sum(loan\_amount) as Total\_Funded\_Amount,**

**Sum(total\_payment) as Total\_Received\_Amount,**

**FROM `sql-project-413513.Financial\_Analytics.Loan Repayment`**

**GROUP BY home\_ownership**

****