

BANK LOAN REPORT QUERY DOCUMENT

BANK LOAN REPORT | SUMMARY

KPIs

TOTAL APPLICATIONS

Query results

JOB INFORMATION		RESULTS
Row	Total_Applications	
1	38576	

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'
```

Query results

JOB INFORMATION		RESULTS
Row	Total_MTD_Applications	
1	4314	

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'
```

Query results

JOB INFORMATION		RESULTS
Row	MTD_Total_Funded	
1	53981425	

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'
```

Query results

JOB INFORMATION		RESULTS
Row	PMTD_Total_Funded	
1	47754825	

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'
```

Query results

JOB INFORMATION		RESU
Row	Total_Money_Receie	
1	58074380	

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'
```

Query results

JOB INFORMATION		RESULTS
Row	avg_int_rate	
1	12.35604079740...	

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'
```

Query results

JOB INFORMATION		RESULTS
Row	avg_dti	
1	13.66553778395...	

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`
```

Query results

JOB INFORMATION		RESULTS
Row	good_loan_percentag	
1	86.17534218166...	

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"
```

Query results

JOB INFORMATION		RESULTS
Row	Good_loan_Applicati	
1	33243	

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"
```

Query results

JOB INFORMATION		RESULTS
Row	good_loan_funded_a	
1	370224850	

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"
```

Query results

JOB INFORMATION		RESULTS
Row	good_loan_amount	
1	435786170	

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`
```

Query results

JOB INFORMATION		RESULTS
Row	Bad_Loan_Percentage	
1	13.82465781833...	

Bad Loan Application

```
'SELECT count(id) as bad_loan_applications  
FROM `sql-project-413513.Financial_Analytics.Loan Repayment`  
WHERE loan_status = "Charged Off"
```

Query results

JOB INFORMATION		RESULTS
Row	bad_loan_applications	
1	5333	

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"
```

Query results

JOB INFORMATION		RESULTS
Row	bad_loan_funded_ap	
1	65532225	

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"
```

Query results

JOB INFORMATION		RESULTS
Row	Bad_loan_amount_re	
1	37284763	

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
```

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS		EXECUTION GRAPH	
Row	loan_status ▼	Loan_Count ▼	Total_Amount_Receiv	Total_Funded_Amount	Interest_rate ▼	Average_dti ▼		
1	Fully Paid	32145	411586256	351358350	11.64107077305...	13.16735075439...		
2	Charged Off	5333	37284763	65532225	13.87857491093...	14.00473279579...		
3	Current	1098	24199914	18866500	15.09932604735...	14.72434426229...		

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

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS
Row	loan_status ▼	MTD_Total_Amount	MTD_Total_Funded		
1	Fully Paid	47815851	41302025		
2	Charged Off	5324211	8732775		
3	Current	4934318	3946625		

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)
```

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION
Row	month_name	Total_Loan_Application	Total_Funded_Amount	Total_Received_Amount		
1	December	4314	53981425	58074380		
2	August	3441	38149600	42682218		
3	February	2279	24647825	27717745		
4	July	3366	35813900	38827220		
5	April	2755	29800800	32495533		
6	May	2911	31738350	33750523		
7	June	3184	34161475	36164533		
8	September	3536	40907725	43983948		
9	October	3796	44893800	49399567		
10	November	4035	47754825	50132030		
11	January	2332	25031650	27578836		
12	March	2627	28875700	32264400		

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

```

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION TIME
Row	address_state	Total_Loan_Application	Total_Funded_Amount	Total_Received_Amount		
1	AK	78	1031800	1108570		
2	AL	432	4949225	5492272		
3	AR	236	2529700	2777875		
4	AZ	833	9206000	10041986		
5	CA	6894	78484125	83901234		
6	CO	770	8976000	9845810		
7	CT	730	8435575	9357612		
8	DC	214	2652350	2921854		
9	DE	110	1138100	1269136		
10	FL	2773	30046125	31601905		
11	GA	1355	15480325	16728040		
12	HI	170	1850525	2080184		
13	IA	5	56450	64482		
14	ID	6	59750	65329		
15	IL	1486	17124225	18875941		
16	IN	9	86225	85521		

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

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION
Row	term	Total_Loan_Application	Total_Funded_Amount	Total_Received_Amount		
1	36 months	28237	273041225	294709458		
2	60 months	10339	162715850	178361475		

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

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXEC
Row	emp_length ▾	Total_Loan_Application	Total_Funded_Amount	Total_Received_Amount		
1	10+ years	8870	116115950	125871616		
2	< 1 year	4575	44210625	47545011		
3	2 years	4382	44967975	49206961		
4	3 years	4088	43937850	47551832		
5	4 years	3428	37600375	40964850		
6	5 years	3273	36973625	40397571		
7	1 year	3229	32883125	35498348		
8	6 years	2228	25612650	27908658		
9	7 years	1772	20811725	22584136		
10	8 years	1476	17558950	19025777		
11	9 years	1255	15084225	16516173		

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)

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION
Row	purpose ▼	Total_Loan_Application	Total_Funded_Amount	Total_Received_Amount		
1	renewable_energy	94	845750	898931		
2	educational	315	2161650	2248380		
3	vacation	352	1967950	2116738		
4	house	366	4824925	5185538		
5	moving	559	3748125	3999899		
6	medical	667	5533225	5851372		
7	wedding	928	9225800	10266856		
8	car	1497	10223575	11324914		
9	small business	1776	24123100	23814817		
10	major purchase	2110	17251600	18676927		
11	home improvement	2876	33350775	36380930		
12	other	3824	31155750	33289676		
13	credit card	4998	58885175	65214084		
14	Debt consolidation	18214	232459675	253801871		

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

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION
Row	home_ownership ▼	Total_Loan_Application	Total_Funded_Amount	Total_Received_Amount		
1	RENT	18439	185768475	201823056		
2	MORTGAGE	17198	219329150	238474438		
3	OWN	2838	29597675	31729129		
4	OTHER	98	1044975	1025257		
5	NONE	3	16800	19053		