



Loan Approval Dashboard Using Power BI

Outline

Analysis

Loan Approval



Total Loan Amount

65bn

Average Cibil Score

599.94

Total Income

22bn

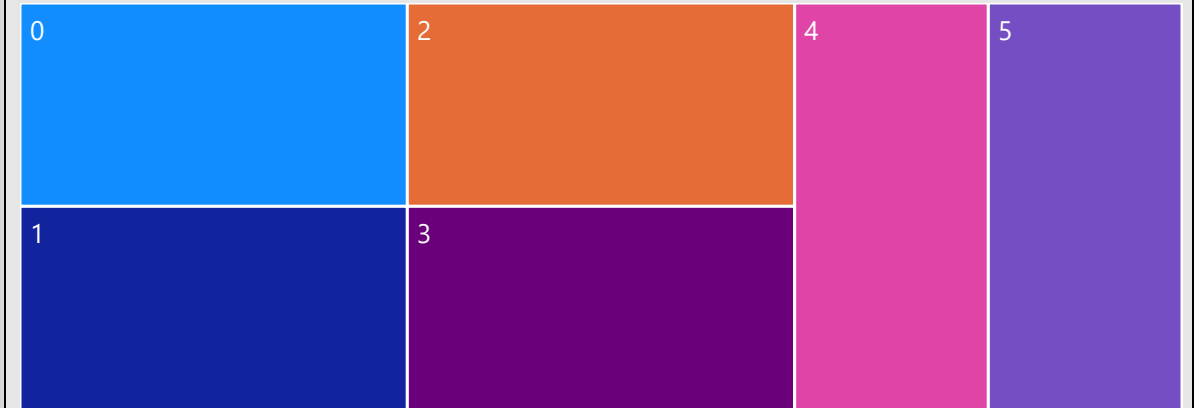
Total Bank Assest
Value

21bn

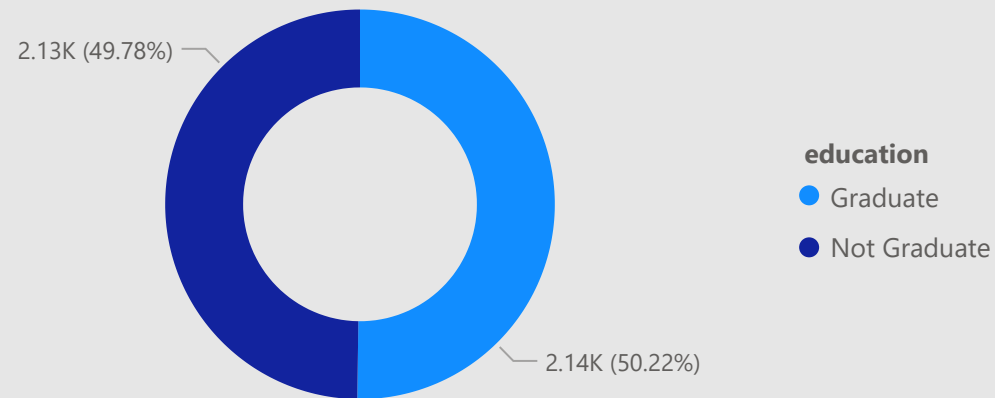
Is the customer self-employed



No. of dependents for each customer



Count of education by education



Summary of the Outline

Count of self_employed for Yes (2,150) was higher than No (2,119).

Yes accounted for 50.36% of Count of self_employed.

No had 2,119 Count of self_employed and Yes had 2,150.

education

☐ Graduate

☐ Not Graduate

self_employ...

☐ No

☐ Yes



Summary

Average of income_annum and total Average of no_of_dependents are positively correlated with each other.

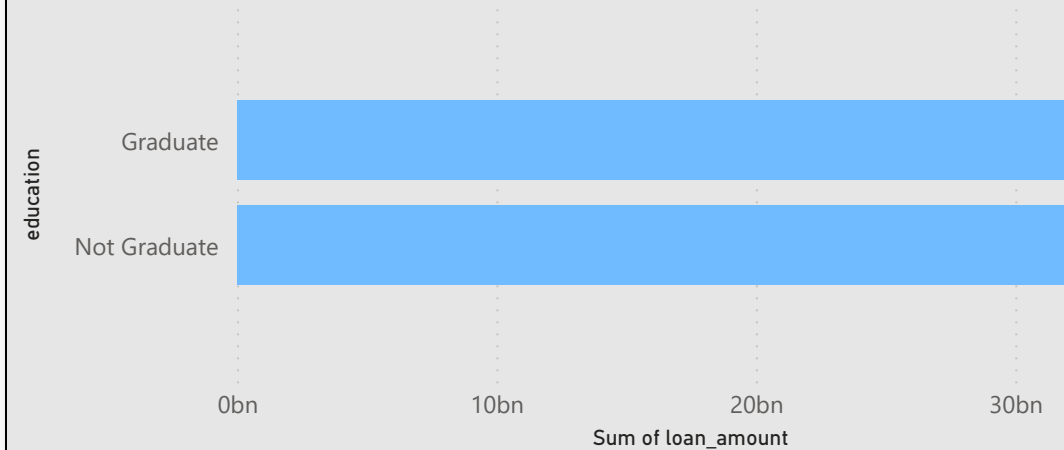
Average of income_annum and Average of no_of_dependents diverged the most when the self_employed was Yes, when Average of income_annum were 50,65,718.43 higher than Average of no_of_dependents.

No had 50,52,430.39 Average of income_annum and 2.50 Average of no_of_dependents. Yes had 50,65,720.93 Average of income_annum and 2.50 Average of no_of_dependents.

22bn

Sum of income_annum

Sum of loan_amount by education



Average income of employed



no_of_dependents

0

5



education

☐ Graduate

☐ Not Graduate



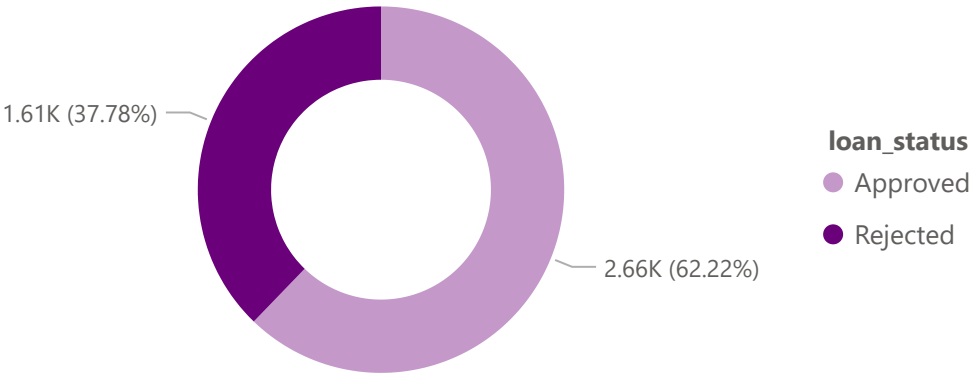
Summary

Sum of income_annum and total Sum of loan_amount are positively correlated with each other.

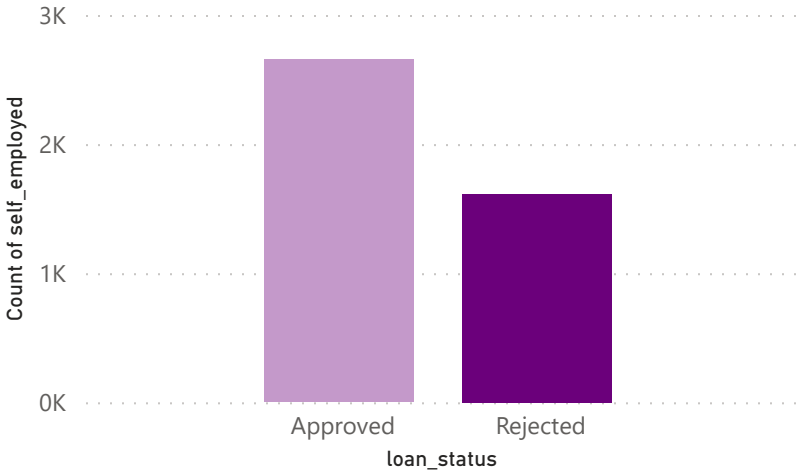
Yes accounted for 50.43% of Sum of income_annum.

No had 10706100000 Sum of income_annum, 32039800000 Sum of loan_amount, and 2,119 Count of loan_status. Yes had 10891300000 Sum of income_annum, 32564900000 Sum of loan_amount, and 2,150 Count of loan_status.

Count of education by loan_status



Count of self_employed by loan_status



loan_status

☐ Approved

☐ Rejected

education

☐ Graduate

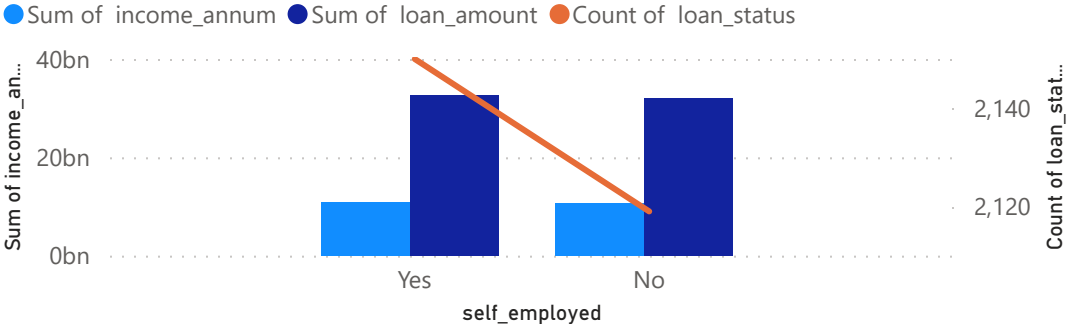
☐ Not Graduate

self_employed

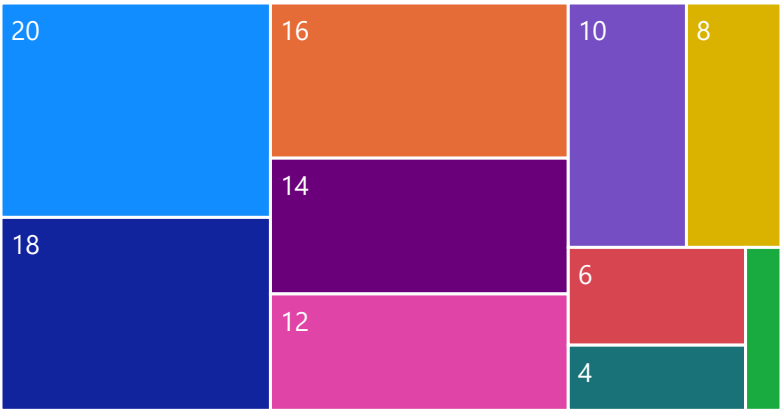
☐ No

☐ Yes

Sum of income_annum, Sum of loan_amount and Count of loan_status by self_employed



Average of loan_term by loan_term





Drill-through Table

loan_id	education	self_employed	income_annum	loan_amount	bank_asset_value	cibil_score	commercial_assets_value	Sum of no_of_dependents	loan_status
815	Graduate	Yes	200000	800000	0	624	0	1	Approved
3144	Graduate	Yes	200000	400000	0	882	100000	1	Approved
2209	Graduate	Yes	300000	1000000	100000	324	100000	1	Rejected
950	Graduate	Yes	300000	700000	100000	411	0	2	Rejected
1081	Graduate	Yes	300000	500000	100000	448	100000	4	Rejected
140	Graduate	No	200000	700000	100000	501	200000	0	Rejected
2381	Graduate	Yes	200000	300000	100000	520	300000	0	Rejected
3215	Graduate	No	300000	1200000	100000	544	100000	4	Rejected
2312	Graduate	Yes	300000	700000	100000	586	400000	5	Approved
1951	Graduate	Yes	200000	700000	100000	587	100000	0	Rejected
872	Graduate	No	200000	400000	100000	594	0	0	Approved
2753	Graduate	No	200000	300000	100000	697	300000	1	Approved
1237	Graduate	No	300000	500000	100000	702	400000	0	Approved
1474	Graduate	Yes	400000	1100000	100000	711	300000	3	Approved
4233	Graduate	Yes	200000	500000	100000	713	200000	1	Approved
3359	Graduate	No	200000	400000	100000	722	300000	5	Approved
3339	Graduate	No	300000	900000	100000	735	400000	2	Approved
126	Graduate	No	200000	600000	100000	821	100000	3	Approved
2517	Graduate	No	300000	1100000	200000	359	0	4	Approved
405	Graduate	No	500000	1000000	200000	501	800000	3	Rejected
397	Graduate	No	600000	1700000	200000	621	400000	0	Approved
1335	Graduate	Yes	500000	1700000	200000	640	700000	3	Approved
2371	Graduate	Yes	300000	1000000	200000	641	200000	3	Approved
2648	Graduate	Yes	300000	1100000	200000	674	0	4	Approved
4115	Graduate	No	400000	1000000	200000	692	400000	4	Approved
3731	Graduate	No	200000	700000	200000	707	100000	5	Approved

Total

5367