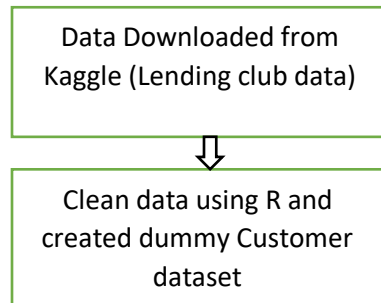
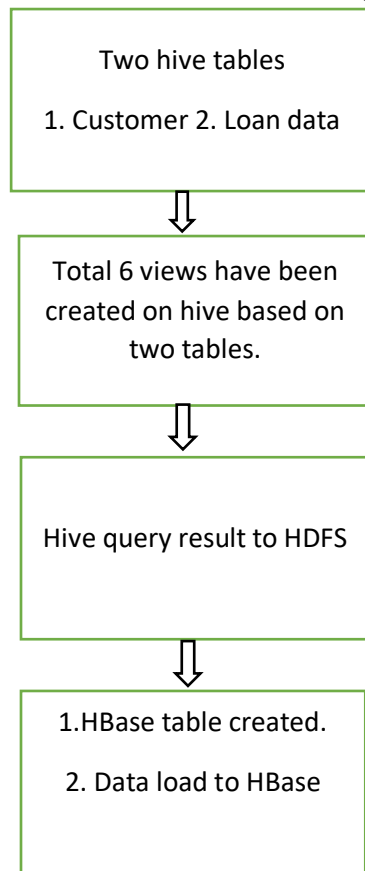


Project Flow Diagram

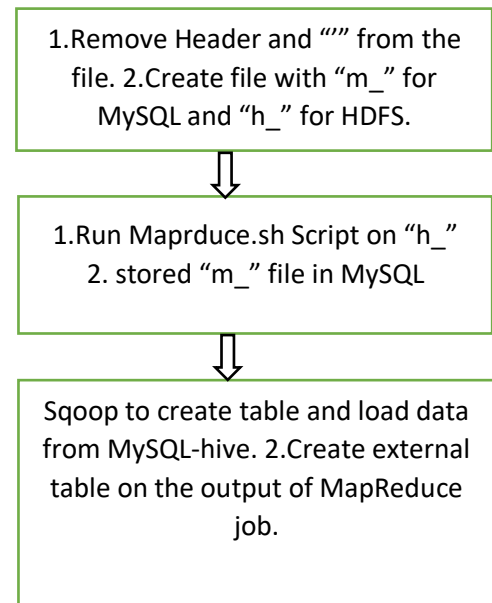
1. Data Gathering:



3. Data Post -Processing :



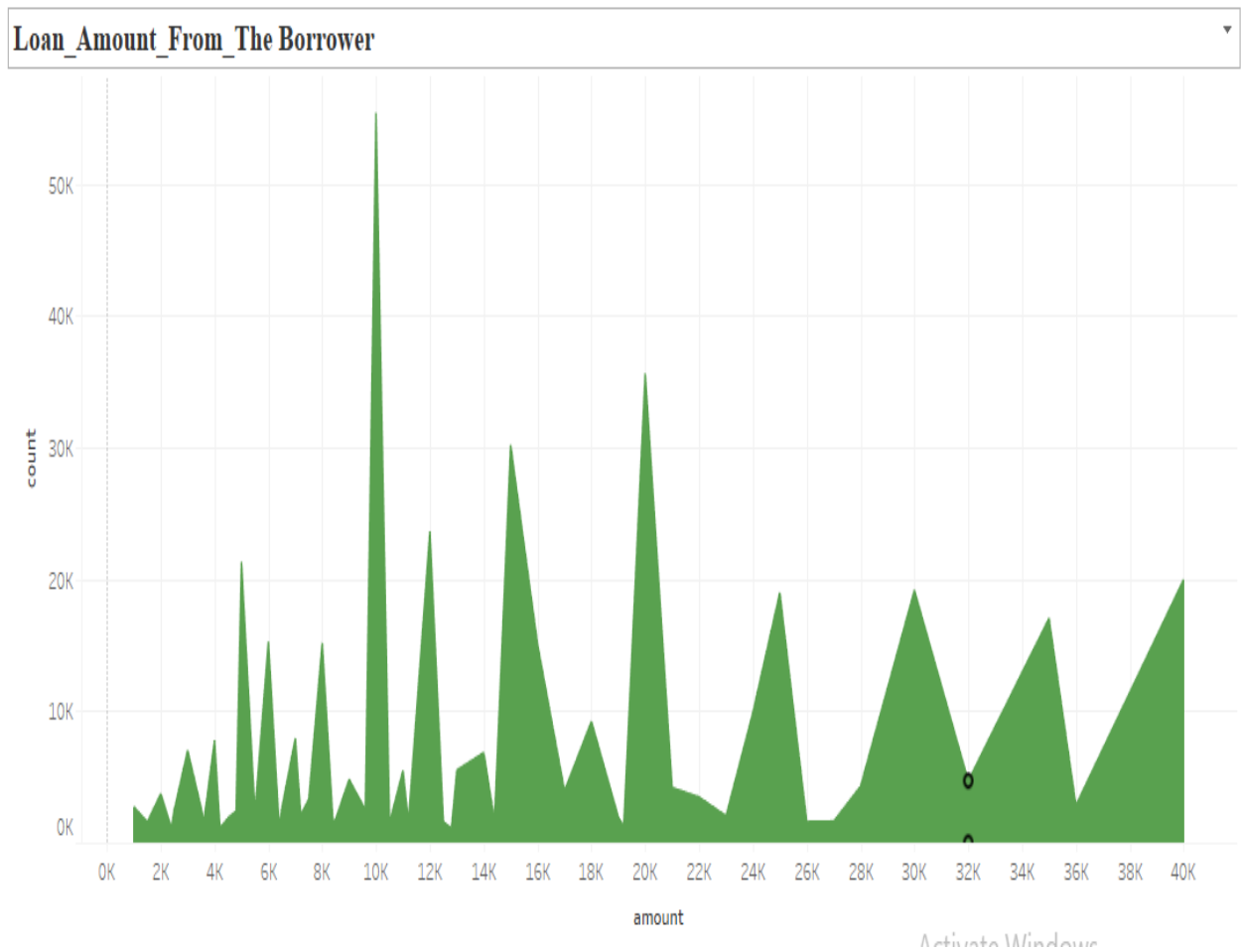
2. Data Pre-Processing



I. RESULT

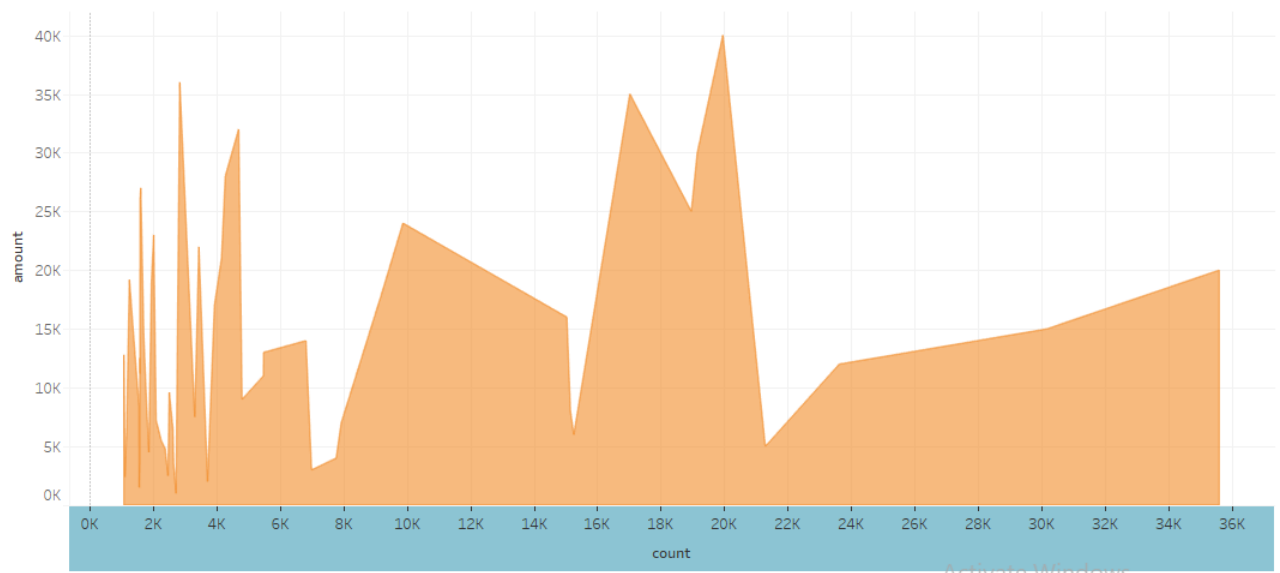
All the Visualization created with the Reporting Tool Tableau.

1.Maximum loan amount requirement from the borrower is in the range of 20000- 40000 USD.



2. Maximum invest from the Investor is in the range of 20000 USD to 40000 USD. This means that potential borrower gets the loan whatever loan is applied by the borrower

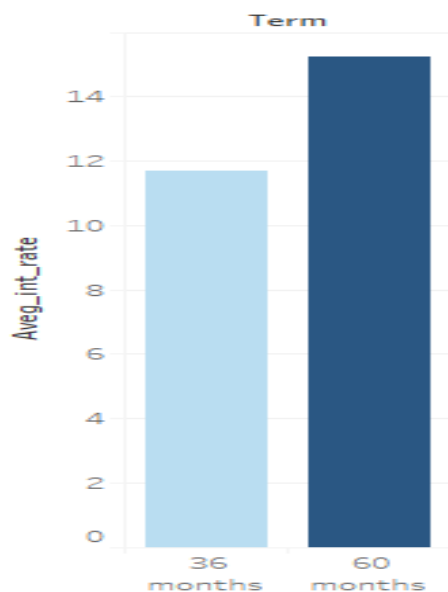
Funded Amount from the Investor



3. average interest rate is important factor while purchasing the loan. in the dataset two column are present. Which are int rate and term. int rate define how much interest has been applied to the loan. and term is period for which loan is taken.

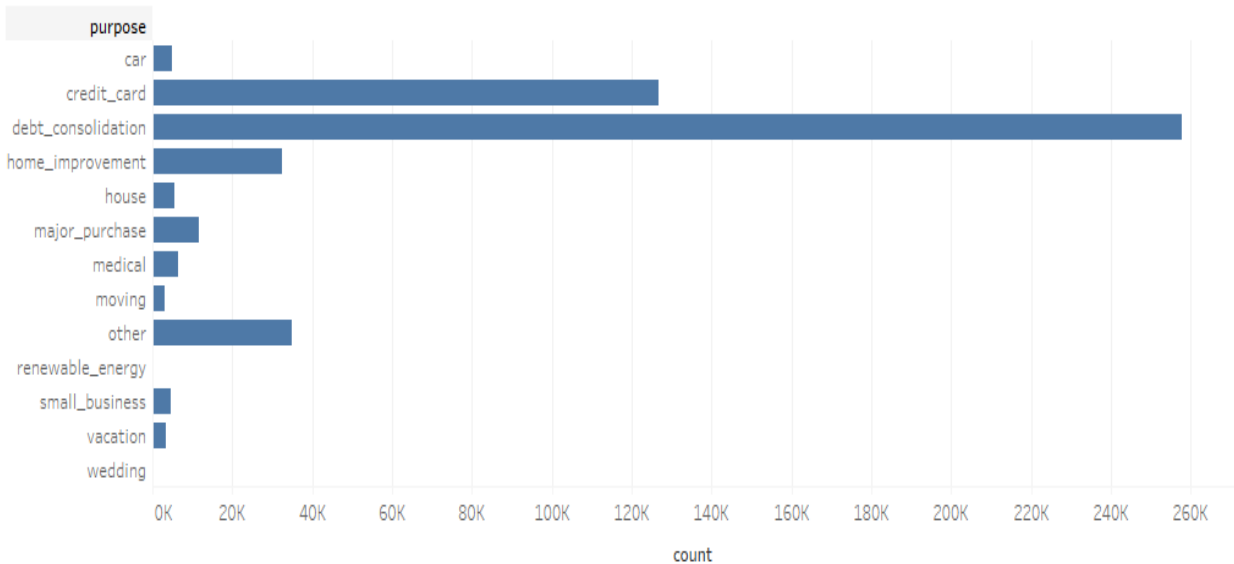
From the analysis for 36-month period average interest rate is minimum and for loan period which is 60 interest rates is 15.20363

Average Interest Rate in USA by Term



4. loan purpose column in the dataset contains the category of the loan purpose. From the analysis it is clear that most of the time reason of application is debt consolidation. After that maximum application has been created for the credit card. Lowest loan application is for the wedding and renewable energy

Purpose Of The Loan



5. Highest annual average income in the state Washington d.c . Idaho is the state where there is less amount of the annual average income. This analysis is important in business perspective.as this filed with other filed defines the average interest rate for the loan application from these state

Average Annual Income By State

DC 99,698	MA 83,774	CO 79,608	UT 76,168	LA 76,059	NV 75,768	AZ 75,466	NC 75,193	FL 74,603	
MD 92,067	NY 82,536	ND 79,404	MI 74,080		TN 72,138	NM 71,924	KS 71,784	KY 71,782	WI 71,578
NJ 90,803	AK 82,277	NH 79,366			OK 73,989		MO 71,573		
VA 88,110	IL 81,731	DE 79,260	SC 73,807						
CA 86,794	WA 80,287	GA 79,247			WY 73,315		OH 71,304		SD 67,360
CT 86,482	HI 79,734	MN 77,289	AL 72,873						
TX 83,885	RI 79,693	PA 76,592			WV 72,330		IN 70,857		NE 66,351

6. Average interest rate is analyzed according to the state of the us. From the analysis it is clear that annual income affect the interest rate. by consider the low annual income state in USA ID, AR, VT the Annual interest rate for this state is high.

Average Interest Rate By State

