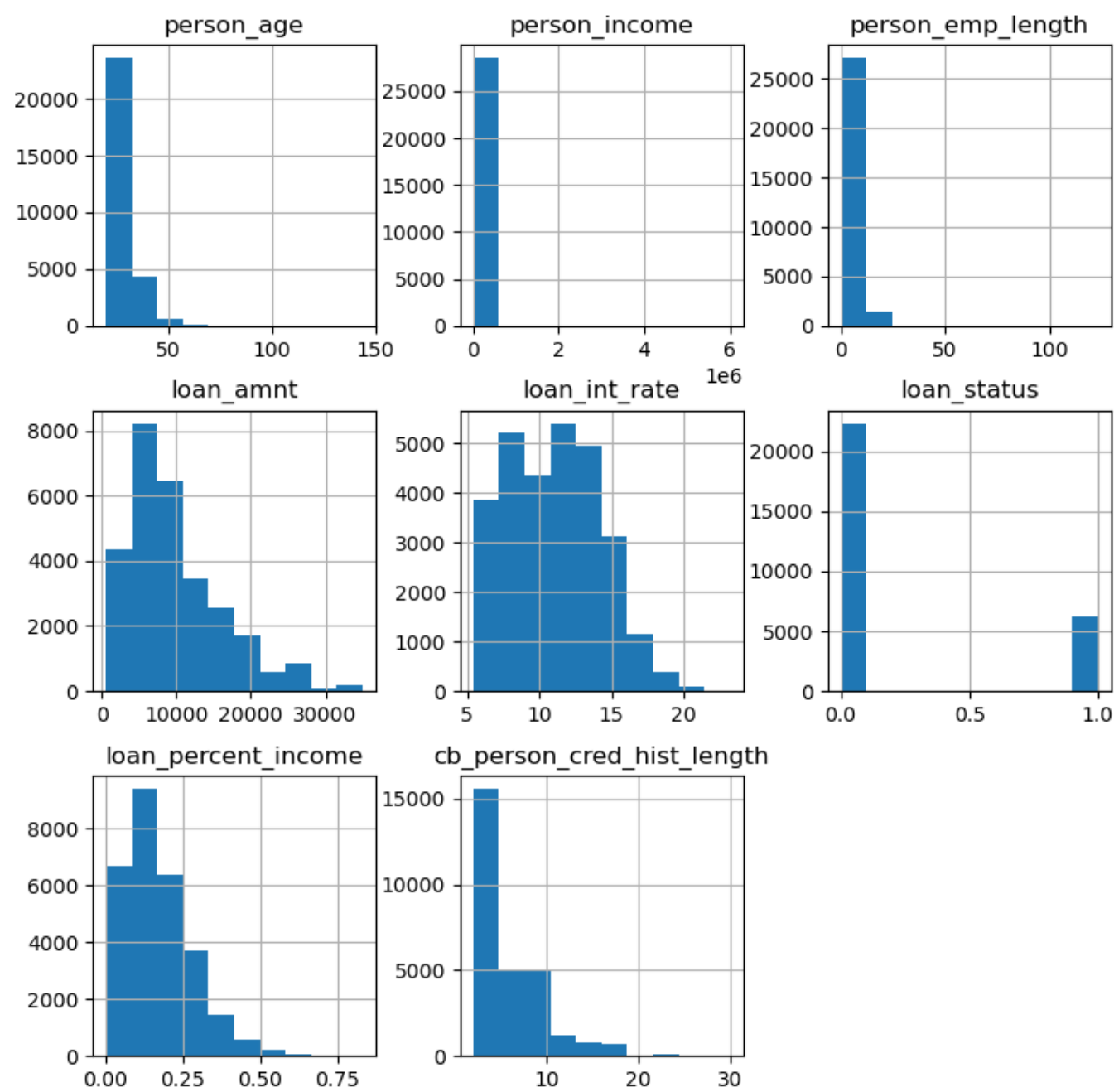


Data Loading and Cleaning

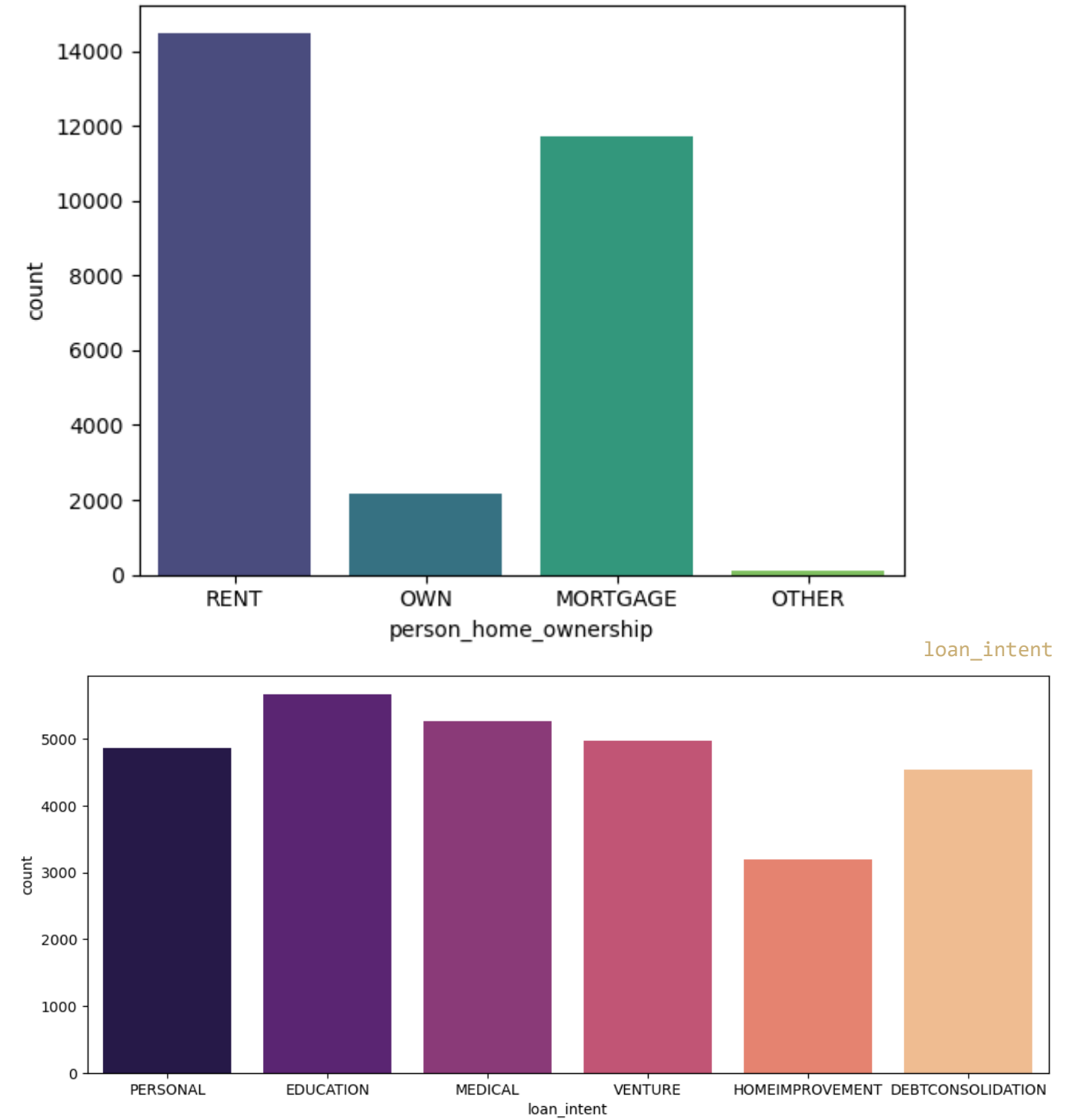
- dropping duplicated rows
- replacing empty value with null
- checking for null ways in any column
- dropping rows which contain any null value
- deleting one column which is unnecessary $\text{loan_percent_income} = (\text{loan_amnt} / \text{person_income}) * 100$

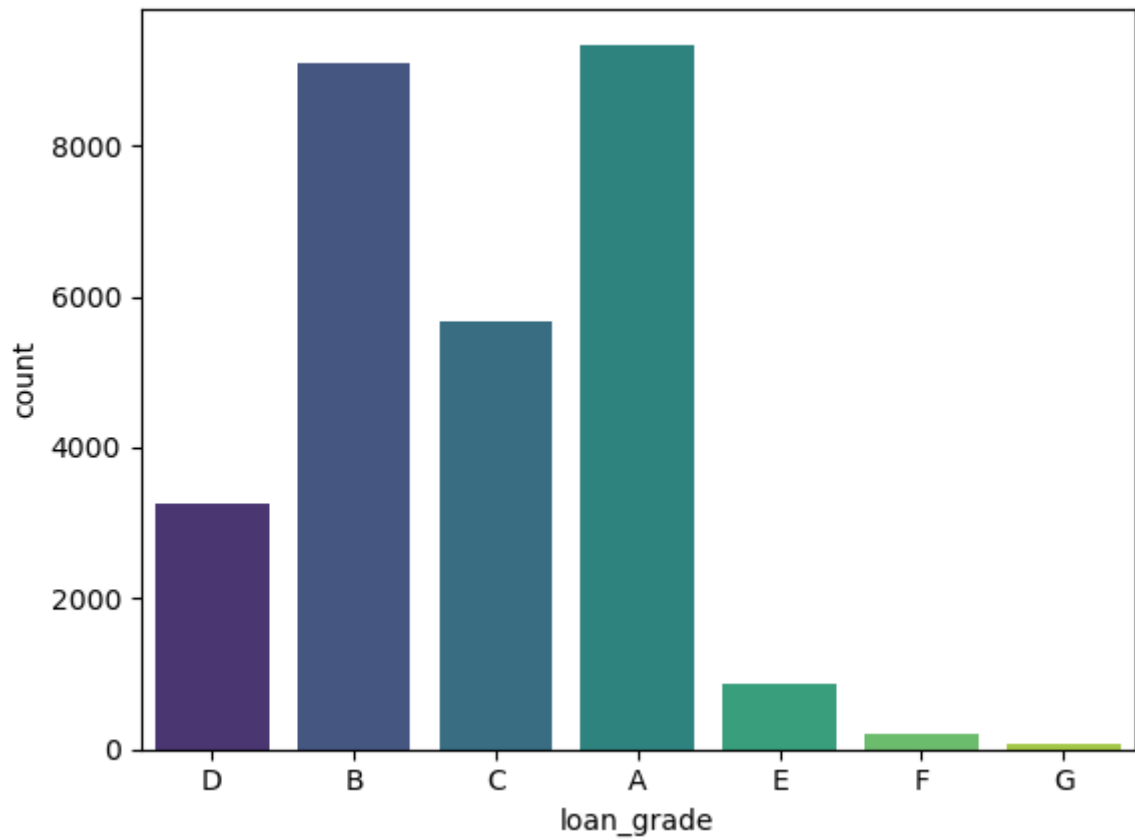
Visualizations

Hist plot

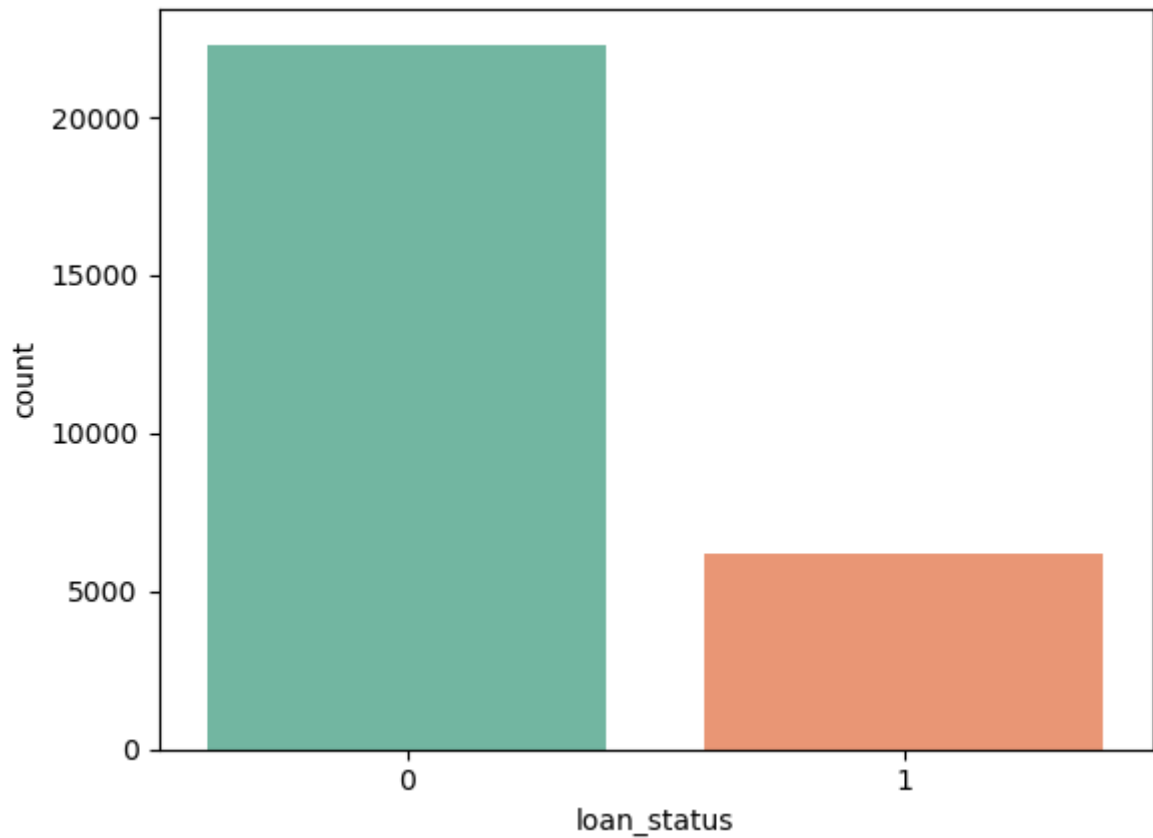


person_home_ownership



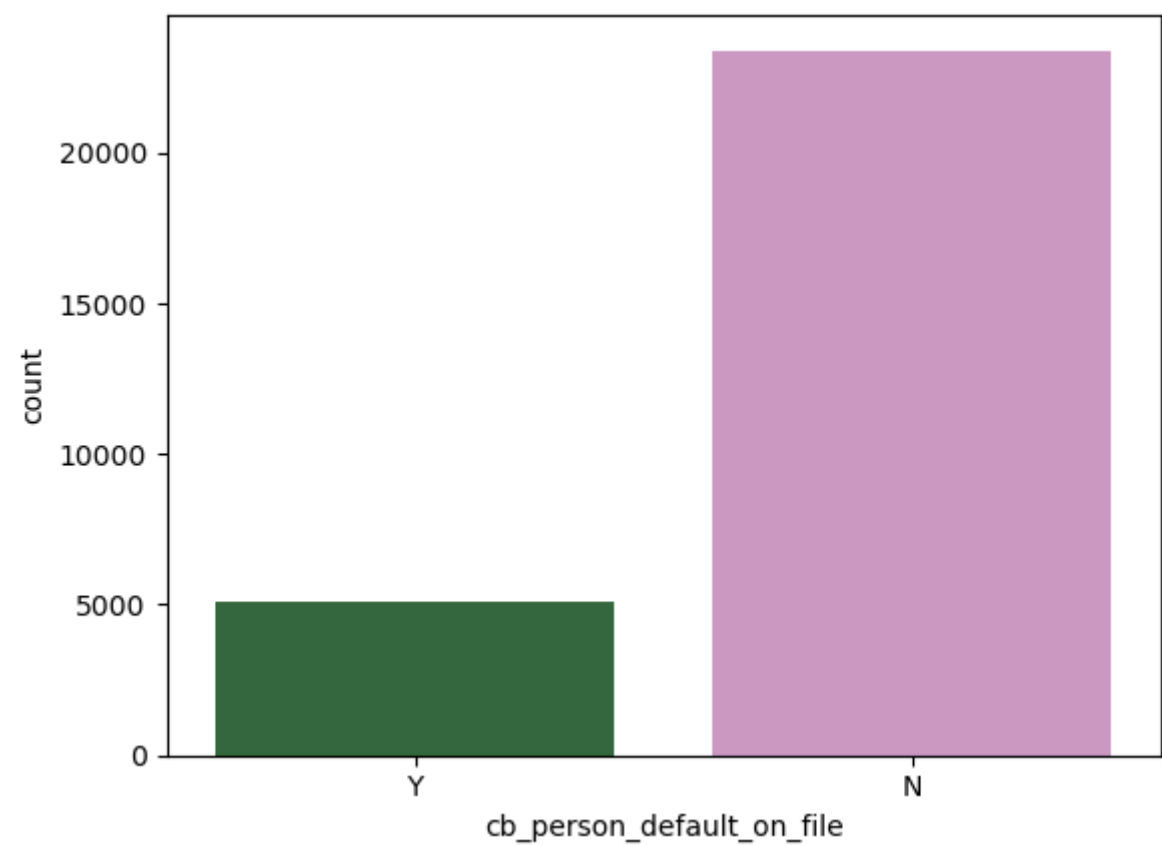


loan_grade



loan_status

cb_person_default_on_file



Logistic Regression
