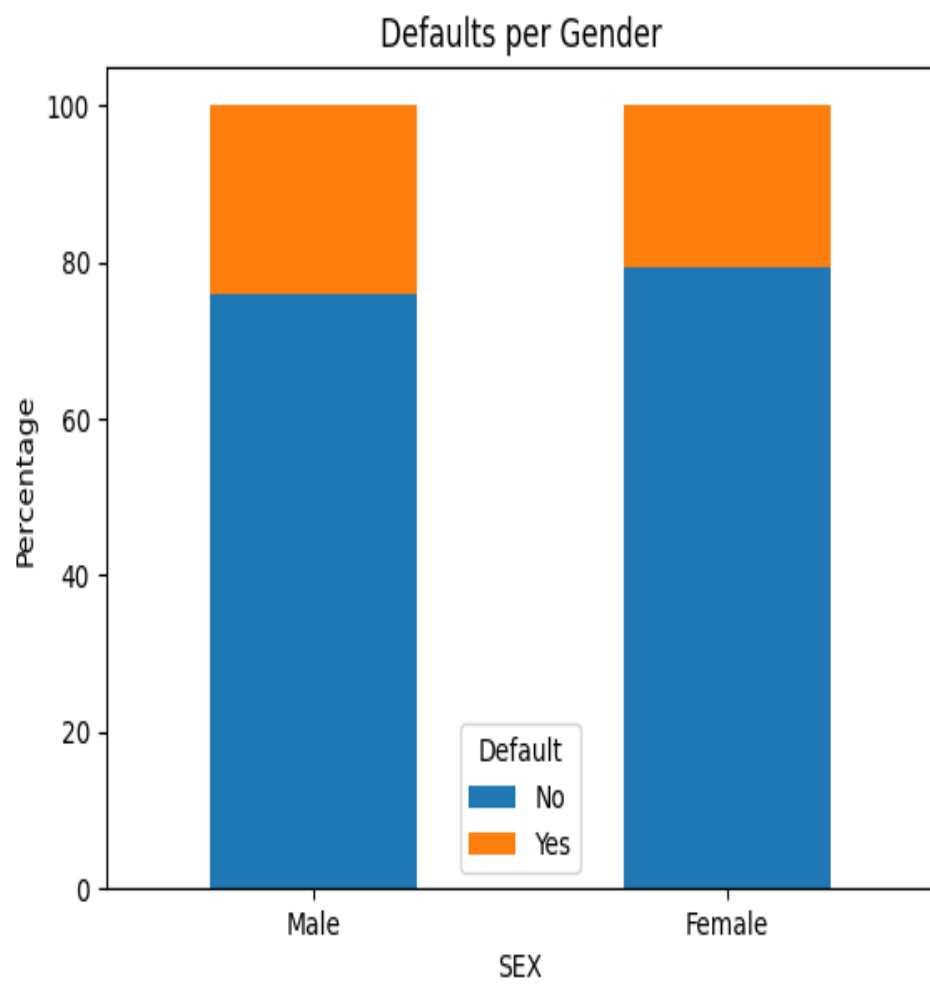


The dataset contains information on 30,000 credit card clients. There are missing values in the dataset: 0. The average credit limit is 167484.32. The default rate is 22.12%. Age statistics are as follows: count 30000.000000 mean 35.485500 std 9.217904 min 21.000000 25% 28.000000 50% 34.000000 75% 41.000000 max 79.000000 Name: AGE, dtype: float64. Unique counts for categorical variables are: {'SEX': 2, 'EDUCATION': 7, 'MARRIAGE': 4, 'PAY_0': 11, 'PAY_2': 11, 'PAY_3': 11, 'PAY_4': 11, 'PAY_5': 10, 'PAY_6': 10, 'default payment next month': 2}. Basic statistical details like percentile, mean, std etc. of the dataset are: ID LIMIT_BAL SEX EDUCATION ... PAY_AMT4 PAY_AMT5 PAY_AMT6 default payment next month count 30000.000000 30000.000000 30000.000000 30000.000000 ... 30000.000000 30000.000000 30000.000000 30000.000000 mean 15000.500000 167484.322667 1.603733 1.853133 ... 4826.076867 4799.387633 5215.502567 0.221200 std 8660.398374 129747.661567 0.489129 0.790349 ... 15666.159744 15278.305679 17777.465775 0.415062 min 1.000000 10000.000000 1.000000 0.000000 ... 0.000000 0.000000 0.000000 0.000000 25% 7500.750000 50000.000000 1.000000 1.000000 ... 296.000000 252.500000 117.750000 0.000000 50% 15000.500000 140000.000000 2.000000 2.000000 ... 1500.000000 1500.000000 1500.000000 0.000000 75% 22500.250000 240000.000000 2.000000 2.000000 ... 4013.250000 4031.500000 4000.000000 0.000000 max 30000.000000 1000000.000000 2.000000 6.000000 ... 621000.000000 426529.000000 528666.000000 1.000000 [8 rows x 25 columns].

The dataset provides insights into the credit card usage of 30,000 individuals. It appears that all necessary data is present, with no missing entries detected. On average, clients have been granted a credit limit of approximately 167484.32. Interestingly, about 22.12% of clients are expected to default on their payment next month. When examining the age of the clientele, we observe that the average age is roughly 35.5 years, with ages ranging from 21.0 to 79.0 years. The dataset includes a diverse range of educational backgrounds, marital statuses, and repayment statuses, with the following number of unique entries per category: {'SEX': 2, 'EDUCATION': 7, 'MARRIAGE': 4, 'PAY_0': 11, 'PAY_2': 11, 'PAY_3': 11, 'PAY_4': 11, 'PAY_5': 10, 'PAY_6': 10, 'default payment next month': 2}. Furthermore, a comprehensive statistical breakdown of the dataset reveals various details such as mean values, standard deviations, and percentiles across all financial attributes.



index	No Default	Default
Male	9015	2873
Female	14349	3763