```python
In [ ]: from mylib.calculator import (
            load_dataset,
            grab_mean,
            grab_median,
            grab_max,
            grab_std,
            create_histogram,
        )

        example_csv = "https://raw.githubusercontent.com/fivethirtyeight/data/master/drug-use-by-age/drug-use-by-age.csv"


        def calculator_describe(dataset):
            c = load_dataset(dataset)
            return c.describe()


        def save_to_md():
            with open("test.md", "a") as file:
                file.write("# Histogram")
                file.write("![Figure](figure.png)")


        if __name__ == "__main__":
            print(calculator_describe(example_csv))
            print(
                "The mean of alcohol use is {:.2f}".format(
                    grab_mean(load_dataset(example_csv), "alcohol_use")
                )
            )
            print(
                "The median of alcohol use is {:.2f}".format(
                    grab_median(load_dataset(example_csv), "alcohol_use")
                )
            )
            print(
                "The standard deviation of alcohol use is {:.2f}".format(
                    grab_std(load_dataset(example_csv), "alcohol_use")
                )
            )
            print(
                "The maximum of alcohol use is {:.2f}".format(
                    grab_max(load_dataset(example_csv), "alcohol_use")
                )
            )
            create_histogram(load_dataset(example_csv), "alcohol_use")
            save_to_md()
```

```
                  n  alcohol_use  alcohol_frequency  marijuana_use  \
count     17.000000    17.000000          17.000000      17.000000
mean    3251.058824    55.429412          33.352941      18.923529
std     1297.890426    26.878866          21.318833      11.959752
min     2223.000000     3.900000           3.000000       1.100000
25%     2469.000000    40.100000          10.000000       8.700000
50%     2798.000000    64.600000          48.000000      20.800000
75%     3058.000000    77.500000          52.000000      28.400000
max     7391.000000    84.200000          52.000000      34.000000

       marijuana_frequency  cocaine_use  crack_use  heroin_use  \
count            17.000000    17.000000  17.000000   17.000000
mean             42.941176     2.176471   0.294118    0.352941
std              18.362566     1.816772   0.235772    0.333762
min               4.000000     0.000000   0.000000    0.000000
25%              30.000000     0.500000   0.000000    0.100000
50%              52.000000     2.000000   0.400000    0.200000
75%              52.000000     4.000000   0.500000    0.600000
max              72.000000     4.900000   0.600000    1.100000

       hallucinogen_use  hallucinogen_frequency  ...  pain_releiver_use  \
count         17.000000               17.000000  ...          17.000000
mean           3.394118                8.411765  ...           6.270588
std            2.792506               15.000245  ...           3.166379
min            0.100000                2.000000  ...           0.600000
25%            0.600000                3.000000  ...           3.900000
50%            3.200000                3.000000  ...           6.200000
75%            5.200000                4.000000  ...           9.000000
max            8.600000               52.000000  ...          10.000000

       pain_releiver_frequency  oxycontin_use  tranquilizer_use  \
count                17.000000      17.000000         17.000000
mean                 14.705882       0.935294          2.805882
std                   6.935098       0.608216          1.753379
min                   7.000000       0.000000          0.200000
25%                  12.000000       0.400000          1.400000
50%                  12.000000       1.100000          3.500000
75%                  15.000000       1.400000          4.200000
max                  36.000000       1.700000          5.400000

       tranquilizer_frequency  stimulant_use  stimulant_frequency   meth_use  \
count               17.000000      17.000000            17.000000  17.000000
mean                11.735294       1.917647            31.147059   0.382353
std                 11.485205       1.407673            85.973790   0.262762
min                  4.500000       0.000000             2.000000   0.000000
25%                  6.000000       0.600000             7.000000   0.200000
50%                 10.000000       1.800000            10.000000   0.400000
75%                 11.000000       3.000000            12.000000   0.600000
max                 52.000000       4.100000           364.000000   0.900000

       sedative_use  sedative_frequency
count     17.000000           17.000000
mean       0.282353           19.382353
std        0.138000           24.833527
min        0.000000            3.000000
25%        0.200000            6.500000
50%        0.300000           10.000000
75%        0.400000           17.500000
max        0.500000          104.000000

[8 rows x 21 columns]
The mean of alcohol use is 55.43
The median of alcohol use is 64.60
The standard deviation of alcohol use is 26.88
The maximum of alcohol use is 84.20
```


Histogram of alcohol_use