

```

In [2]: dfpd.read_csv('https://github.com/plotfoundation/dataset/raw/main/Hill10Valley20Dataset.csv')

In [3]: df.head()

Out[3]:
   V1  V2  V3  V4  V5  V6  V7  V8  V9  V10 ... V92  V93  V94  V95  V96  V97  V98  V99  V100 Class
0  39.02  36.49  38.20  38.85  38.85  39.74  37.02  39.53  38.81  38.79 ... 36.62  36.92  38.80  38.52  38.07  36.73  39.46  37.50  39.10  0
1  1.83  1.71  1.72  1.77  1.77  1.78  1.80  1.70  1.85  1.78 ... 1.78  1.80  1.77  1.74  1.80  1.78  1.75  1.75  1.69  1
2  6877.69  6613.62  7299.08  7420.33  6758.66  6930.36  6916.81  7320.61  7466.04  7200.37 ... 6938.71  734.88  7105.33  7111.62  7491.48  7257.18  7103.72  6743.27  7403.34  1
3  4688.05  3915.92  4078.34  3851.36  4585.70  4034.00  4661.43  3768.32  4090.99  3846.15 ... 4205.67  4068.20  4066.73  4546.80  4640.53  4719.44  4095.68  4088.34  3961.19  0
4  370  548.00  512.50  512.50  512.50  512.50  512.50  512.50  512.50  512.50 ... 512.50  512.50  512.50  512.50  512.50  512.50  512.50  512.50  512.50  0
5 rows x 101 columns

In [4]: df.info()

Out[4]:
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1212 entries, 0 to 1211
Columns: 101 entries, V1 to V100
dtypes: float64(100), int64(1)
memory usage: 10.0 MB

In [5]: df.describe()

Out[5]:
   count      V1      V2      V3      V4      V5      V6      V7      V8      V9      V10 ...   V92      V93      V94      V95      V96      V97      V98      V99
count  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000 ... 1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000  1212.00000
mean    8169.09181  8164.26262  8192.65738  8186.88798  8128.29211  8173.02008  8186.52748  8183.64153  8154.67066  8120.767574 ... 8172.0505815  8152.977429  8158.763812  8140.88021  8185.594021  8140.19355  8192.506891  8156.179609
std     1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405 ... 1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405  1799.69405
min      6877.69162  6613.62182  7299.08162  7420.33166  6758.66166  6930.36166  6916.81166  7320.61166  7466.04166  7200.37166 ... 6938.71166  734.88166  7105.33166  7111.62166  7491.48166  7257.18166  7103.72166  6743.27166
max     4688.05166  3915.92166  4078.34166  3851.36166  4585.70166  4034.00166  4661.43166  3768.32166  4090.99166  3846.15166 ... 4205.67166  4068.20166  4066.73166  4546.80166  4640.53166  4719.44166  4095.68166  4088.34166
5%    3902.00000  295.00000  418.00000  418.00000  418.00000  418.00000  418.00000  418.00000  418.00000  418.00000 ... 418.00000  418.00000  418.00000  418.00000  418.00000  418.00000  418.00000  418.00000
10%   3602.00000  236.00000  297.00000  297.00000  297.00000  297.00000  297.00000  297.00000  297.00000  297.00000 ... 297.00000  297.00000  297.00000  297.00000  297.00000  297.00000  297.00000  297.00000
95%   15078.00000  10817.45000  11901.35000  11901.35000  11901.35000  11901.35000  11901.35000  11901.35000  11901.35000  11901.35000 ... 11901.35000  11901.35000  11901.35000  11901.35000  11901.35000  11901.35000  11901.35000  11901.35000
max    17997.00000  15876.40000  17993.15000  17993.15000  17993.15000  17993.15000  17993.15000  17993.15000  17993.15000  17993.15000 ... 17993.15000  17993.15000  17993.15000  17993.15000  17993.15000  17993.15000  17993.15000  17993.15000
8 rows x 101 columns

In [6]: df.columns

Out[6]:
Index(['V1', 'V2', 'V3', 'V4', 'V5', 'V6', 'V7', 'V8', 'V9', 'V10', 'V11', 'V12', 'V13', 'V14', 'V15', 'V16', 'V17', 'V18', 'V19', 'V20', 'V21', 'V22', 'V23', 'V24', 'V25', 'V26', 'V27', 'V28', 'V29', 'V30', 'V31', 'V32', 'V33', 'V34', 'V35', 'V36', 'V37', 'V38', 'V39', 'V40', 'V41', 'V42', 'V43', 'V44', 'V45', 'V46', 'V47', 'V48', 'V49', 'V50', 'V51', 'V52', 'V53', 'V54', 'V55', 'V56', 'V57', 'V58', 'V59', 'V60', 'V61', 'V62', 'V63', 'V64', 'V65', 'V66', 'V67', 'V68', 'V69', 'V70', 'V71', 'V72', 'V73', 'V74', 'V75', 'V76', 'V77', 'V78', 'V79', 'V80', 'V81', 'V82', 'V83', 'V84', 'V85', 'V86', 'V87', 'V88', 'V89', 'V90', 'V91', 'V92', 'V93', 'V94', 'V95', 'V96', 'V97', 'V98', 'V99', 'V100'],
      dtype='object', length=101)

In [7]: print(df.columns.tolist())

Out[7]:
['V1', 'V2', 'V3', 'V4', 'V5', 'V6', 'V7', 'V8', 'V9', 'V10', 'V11', 'V12', 'V13', 'V14', 'V15', 'V16', 'V17', 'V18', 'V19', 'V20', 'V21', 'V22', 'V23', 'V24', 'V25', 'V26', 'V27', 'V28', 'V29', 'V30', 'V31', 'V32', 'V33', 'V34', 'V35', 'V36', 'V37', 'V38', 'V39', 'V40', 'V41', 'V42', 'V43', 'V44', 'V45', 'V46', 'V47', 'V48', 'V49', 'V50', 'V51', 'V52', 'V53', 'V54', 'V55', 'V56', 'V57', 'V58', 'V59', 'V60', 'V61', 'V62', 'V63', 'V64', 'V65', 'V66', 'V67', 'V68', 'V69', 'V70', 'V71', 'V72', 'V73', 'V74', 'V75', 'V76', 'V77', 'V78', 'V79', 'V80', 'V81', 'V82', 'V83', 'V84', 'V85', 'V86', 'V87', 'V88', 'V89', 'V90', 'V91', 'V92', 'V93', 'V94', 'V95', 'V96', 'V97', 'V98', 'V
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