

```
1 %load_ext autoreload
2 %autoreload 2
3
4 import pandas as pd
5 import numpy as np
6
7 import dsba6211project.Utils.getData as gd
8
9 df = gd.GetData().getOpportunityData()
10
11 df.shape
12
13
14 from plotnine import *
15
16 df.describe()
17
18
19
20 tooManyMissing = list(df.isna().sum()[df.isna().sum() > 10000].index)
21 tooManyMissing
22
23 df = df.drop(tooManyMissing, axis=1)
24 df.shape
25
26
27 from sklearn.impute import SimpleImputer
28 df.loc[:, :] = SimpleImputer(strategy="most_frequent").fit_transform(df)
29
30 df.describe()
31
32 for c in df.columns[:5]:
33     if c in ["Amount", "AccountId", "CloseDate"]:
34         continue
35     print(c)
36     p = ggplot(df, aes(x=c, y="Amount")) + geom_point()
37     print(p)
38
```