

If our data has NaN/Null values, then we have three options.

- 1- Ignore : We don't get any computation with this data and our result will not be good.
- 2- Remove the row with that data: We are going to lose Information. Not good for our model.
- 3- Imputation: Scikitlearn simple imputer: We want a meaningful guess for the missing data such as Average/Mode/Median

```
from autoimpute.imputations import SingleImputer,  
MultipleImputer
```

```
from autoimpute.imputations.series import  
MultinomialLogisticImputer
```

```
imp_mean=SimpleImputer(strategy='mean')
```

```
#We can use mean/Median/any other  
value/constant(0/1/etc.)
```

```
imp_mean.fit_transform(df)
```

We have other scikit learn imputers. Such as Single Imputer, Multiple Imputer, Mice Imputer/KNN imputer etc.

For Other types of ScikitLearn Imputers follow this link
<https://scikit-learn.org/stable/modules/impute.html>