

Missing Indicator



14 July 2023 21:01

This technique includes **creating a new feature** with **values True and False for each feature having missing values**.


This newly added column indicates whether there is missing value or not at the corresponding indexes in the original feature.

True – Missing Value

False – Non-Missing Value

	Age	Fare	Age_NA
329	16.0	57.9792	False
727	NaN	7.7375	True
764	16.0	7.7750	False
66	29.0	10.5000	False
815	NaN	0.0000	True
173	21.0	7.9250	False
254	41.0	20.2125	False
594	37.0	26.0000	False
867	31.0	50.4958	False
133	29.0	26.0000	False



This technique improves the accuracy of the model sometimes. This is so because **adding Indicator** helps the model learn about the missing values and corresponding observations information.

In SimpleImputer Class, we can set **add_indicator=True** to add a **MissingIndicator** for Each Feature with Missing Values.

