

08-24-2024 - Neural Networks and Fuzzy Logic

What is Variance?

- Variance tells us about how spreadable the data is

What is BFill (Backward Fill)

- Suppose data in 4,5 is missing, then back fill will get data from 3,5 and use it to fill 4,5
- Con : Unable to fill data if data is missing in the first row

What is FFill (Forward Fill)

- Suppose data in 4,5 is missing, then back fill will get data from 5,5 and use it to fill 5,5
- Con : Unable to fill data if data is missing in the last row

Fillna

- Fills missing data values by using the mean
- ex. `df["Age"].fillna(method=df["Age"].mean(),inplace=True)`

Evaluation Methods

For Linear Regression

- MSE >> Mean Square Error

For Logistic Regression

- Confusion Matrix