Imputation univariée ou multivariée[¶](https://scikit-learn.org/stable/modules/impute.html#univariate-vs-multivariate-imputation)

[6.4. Imputation des valeurs manquantes — documentation scikit-learn 1.0.2](https://scikit-learn.org/stable/modules/impute.html)

On distingue l’imputation univariée, qui impute des valeurs dans la i-ème variable en utilisant uniquement des valeurs non manquantes dans cette variable. En revanche, les algorithmes d’imputation multivariés utilisent l’ensemble des variables disponibles pour estimer les valeurs manquantes (par exemple). impute.SimpleImputerimpute.IterativeImputer

Percentage of newly generated missing values: 40.064% MCAR, K=1

Back-fill 0 tensor(0.0243)

Back-fill 1 tensor(0.0375)

Back-fill 2 tensor(0.1983)

Back-fill 3 tensor(0.5608)

Back-fill 4 tensor(0.0140)

Back-fill all tensor(0.2669)

Forward-fill 0 tensor(0.0237)

Forward-fill 1 tensor(0.0385)

Forward-fill 2 tensor(0.1484)

Forward-fill 3 tensor(0.5402)

Forward-fill 4 tensor(0.0142)

Forward-fill all tensor(0.2514)

Linear Interpolation 0 tensor(0.0141)

Linear Interpolation 1 tensor(0.0250)

Linear Interpolation 2 tensor(0.1032)

Linear Interpolation 3 tensor(0.4177)

Linear Interpolation 4 tensor(0.0086)

Linear Interpolation all tensor(0.1929)

Quadratic Interpolation 0 tensor(0.0267)

Quadratic Interpolation 1 tensor(0.0314)

Quadratic Interpolation 2 tensor(0.1318)

Quadratic Interpolation 3 tensor(0.7546)

Quadratic Interpolation 4 tensor(0.0124)

Quadratic Interpolation all tensor(0.3430)

KNN 0 tensor(1.1127)

KNN 1 tensor(1.5771)

KNN 2 tensor(1.3040)

KNN 3 tensor(1.4396)

KNN 4 tensor(1.1205)

KNN all tensor(1.3229)

[autoimpute · PyPI](https://pypi.org/project/autoimpute/)

[Prévision de séries chronologiques  |  TensorFlow Core](https://www.tensorflow.org/tutorials/structured_data/time_series#part_2_forecast_a_multivariate_time_series)