**Q & A**

1. **[Python] Difference between isnull and isna**

isnull = isna

pandas.**isnull**(*obj*)

Detect missing values (NaN in numeric arrays, None/NaN in object arrays)

pandas.**isna**(*obj*)

Detect missing values (NaN in numeric arrays, None/NaN in object arrays)

[**pandas.isnull**](https://pandas.pydata.org/pandas-docs/stable/generated/pandas.isnull.html#pandas.isnull)

alias of isna

1. **[Statistic] Why variance is taking square of difference between mean and the value**

<http://www.leeds.ac.uk/educol/documents/00003759.htm>

1. **[Python, R] What is apply function**

<https://www.datacamp.com/community/tutorials/r-tutorial-apply-family>

<https://pandas.pydata.org/pandas-docs/stable/generated/pandas.DataFrame.apply.html>

1. **[Python] what is axis=0**

<https://stackoverflow.com/questions/22149584/what-does-axis-in-pandas-mean/22149930>