STUDYPE

Predicting Financial Time Series using Deep Learning

Module2. Preprocessing for Cryptocurrency Data

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Hands on Labs Preprocessing for Cryptocurrency Data







Preprocessing for Cryptocurrency Data

Lab5_Preprocessing_for_Cryptocurrency_
Data.ipynb

https://colab.research.google.com/drive/1NEUvY8uKCaoht45hPQV_qOps7ZROw116



Sklearn Preprocessing

- Sklearn Preprocessing
 - **Standardization**: To transform data so that it has zero mean and unit variance. Also called scaling
 - preprocessing.scale()

```
>>> X_scaled.mean(axis=0)
array([0., 0., 0.])
>>> X_scaled.std(axis=0)
array([1., 1., 1.])
```

Parameters:

X: Data to be scaled with_mean: Boolean. Whether to center the data (make zero mean) with std: Boolean (whether to make unit standard deviation



Collection Deque

- Deque
 - Deques are a generalization of stacks and queues
 - maxlen: Maximum size of a deque or None if unbounded

Thank you ©

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