

<https://medium.com/the-investors-handbook/coding-understanding-the-aroon-oscillator-in-python-c3accb782d69>

```
def aroon(Data, period, close, where):

    # Adding Columns
    Data = adder(Data, 10)
    # Max Highs
    for i in range(len(Data)):

        try:

            Data[i, where] = max(Data[i - period + 1:i + 1, 1])

        except ValueError:

            pass
    # Max Lows
    for i in range(len(Data)):

        try:

            Data[i, where + 1] = min(Data[i - period + 1:i + 1, 2])

        except ValueError:

            pass

    # Where the High Equals the Highest High in the period
    for i in range(len(Data)):

        if Data[i, 1] == Data[i, where]:

            Data[i, where + 2] = 1

    # Where the Low Equals the Lowest Low in the period
    for i in range(len(Data)):

        if Data[i, 2] == Data[i, where + 1]:

            Data[i, where + 3] = 1
    # Jumping Rows
    Data = jump(Data, period)
    # Calculating Aroon Up
    for i in range(len(Data)):

        try:

            try:
```

