

lec1_step3

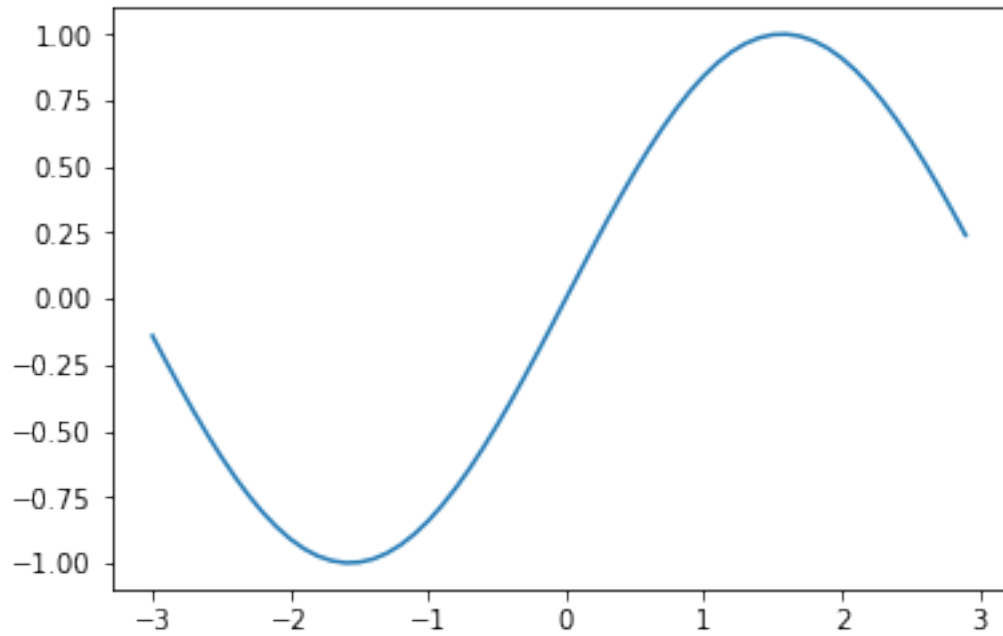
April 12, 2020

```
In [ ]: ## Python basics for novice data scientists, supported by Wagatsuma Lab@Kyutech
        #
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        # THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, .
        #
        # # @Time      : 2020-4-20
        # # @Author    : Hiroaki Wagatsuma
        # # @Site      : https://github.com/hirowgit/2A_python_basic_course
        # # @IDE       : Python 3.7.7 (default, Mar 10 2020, 15:43:27) [Clang 10.0.0 (clang-1000
        # # @File      : lec1_step3.py
```

```
In [8]: import math
        import numpy as np
        import pandas as pd
        import matplotlib.pyplot as plt
```

```
In [2]: x = np.arange(-3, 3, 0.1)
        y = np.sin(x)
        plt.plot(x, y)
```

```
Out[2]: [<matplotlib.lines.Line2D at 0x111cc7dd0>]
```



```
In [5]: s = pd.Series([2, 4, 6, np.nan, 7, 9])
        print(s)
```

```
0    2.0
1    4.0
2    6.0
3    NaN
4    7.0
5    9.0
dtype: float64
```

```
In [7]: import math
        pimath.pi
```

```
Out[7]: 3.141592653589793
```

```
In [ ]:
```