lec1_step3

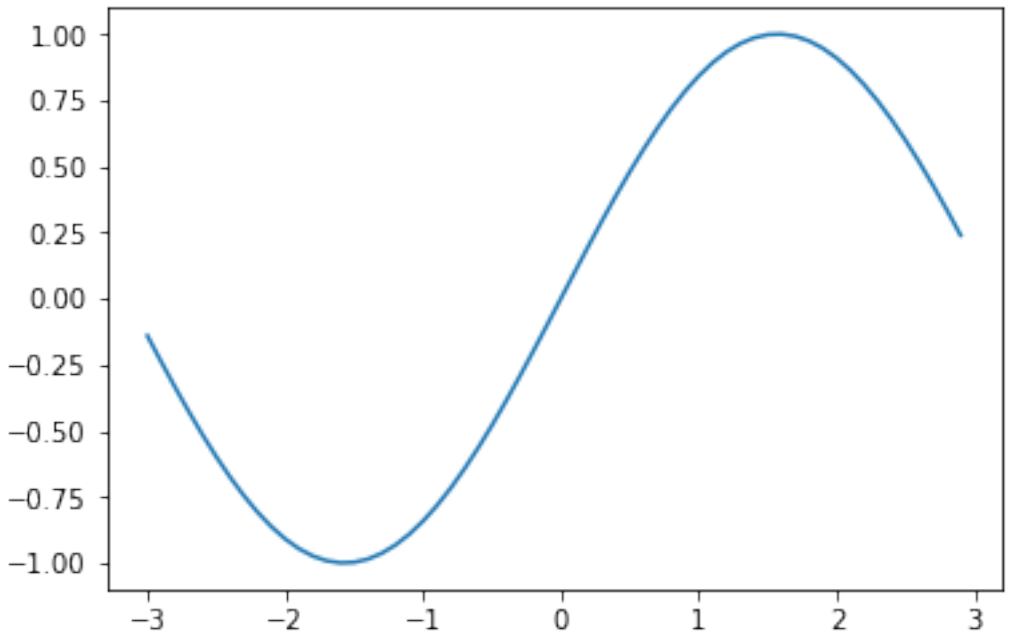
April 12, 2020

In [ ]:
```
## Python basics for novice data scientists, supported by Wagatsuma Lab@Kyutech
#
# The MIT License (MIT): Copyright (c) 2020 Hiroaki Wagatsuma and Wagatsuma Lab@Kyutec
#
# Permission is hereby granted, free of charge, to any person obtaining a copy of this
# The above copyright notice and this permission notice shall be included in all copie
# 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 [9]: import math
        pi=math.pi
        print(pi)
```

```
3.141592653589793
```

```
In [ ]:
```