report

September 20, 2024

```python
[7]: import sys
     from pathlib import Path

     src_path = Path('..') / 'src'
     sys.path.append(str(src_path.resolve()))
```

1 Nurse Staffing Recommendations

[…]

1.1 Imports

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

1.2 The dataset

[…]

```python
[9]: # This is a test

     x = 4

     def test(x):
         """
         This is a test.

         Parameters
         ----------
         x : int
             An integer.

         Returns
         -------
         y : int
             An integer.
         """
```
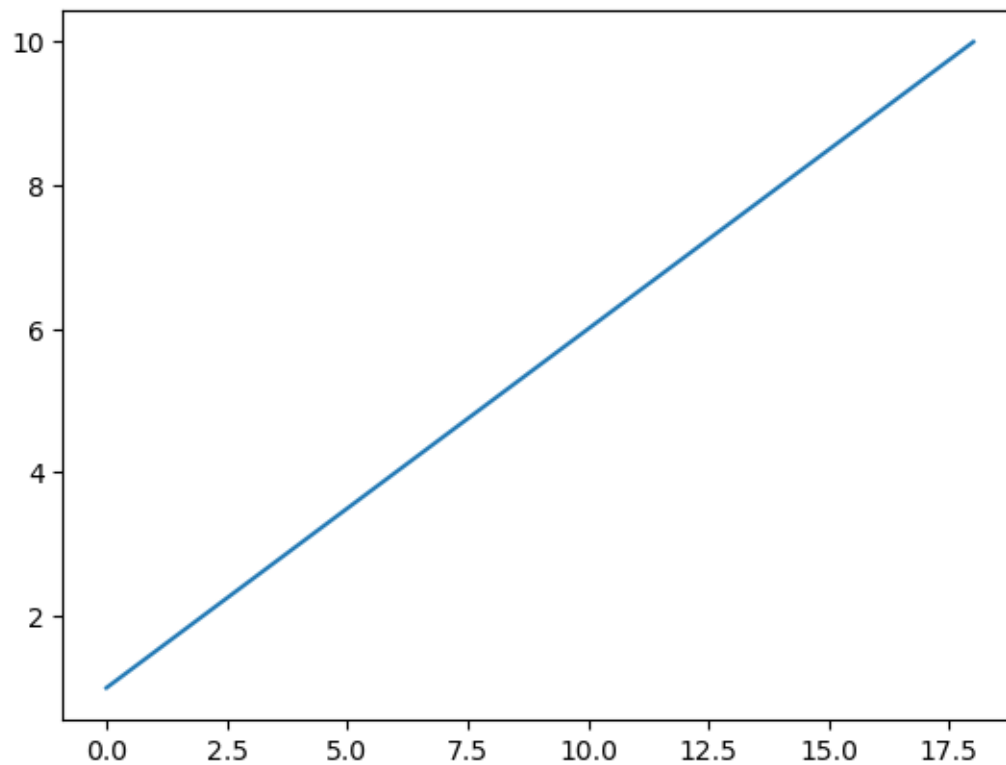
```
    y = x + 1
    return y
```

[10]: `test(4)`

[10]: 5

[11]:
```
x = np.linspace(1, 10, 19)
plt.plot(x)
```

[11]: `[<matplotlib.lines.Line2D at 0x121642e10>]`

[13]:
```
from inspection import make_df
make_df([1, 2, 3], ["A", "B", "C"])
```

[13]:
```
     1    2    3
A   1A   2A   3A
B   1B   2B   3B
C   1C   2C   3C
```

[ ]: