

## **About This Documentation**



Figure 1: The Data Science Process [1]

This is an example on how to incorporate executable Python code and show a figure output:

```
import matplotlib.pyplot as plt
import numpy as np

# Generate sample data
x = np.linspace(0, 2*np.pi, 100)
y = np.sin(x)

# Create the plot
fig, ax = plt.subplots(figsize=(8, 5))

ax.plot(x, y, color='blue', linewidth=2)

ax.set_xlabel('x')
ax.set_ylabel('y')
ax.set_title('Plot title')

ax.spines['top'].set_visible(False)
ax.spines['right'].set_visible(False)
```

```
plt.show()
```



Figure 2: A simple demonstration of executable Python code producing a figure object.

Then the figure can be referenced with Figure 2.

1. Doemer D, Kempf M. [Is it ops that make data science scientific?](#) Archives of Data Science, Series A (Online First). 2022;8(2):12 S.