Simple Notebook Example

November 29, 2019

This provides a notebook that demonstrates the different features available in the sphinxcontrib.jupyter extension.

Text will appear as a markdown cell in the notebook split by code-blocks.

To add a code block you can use `code-block` directives such as:
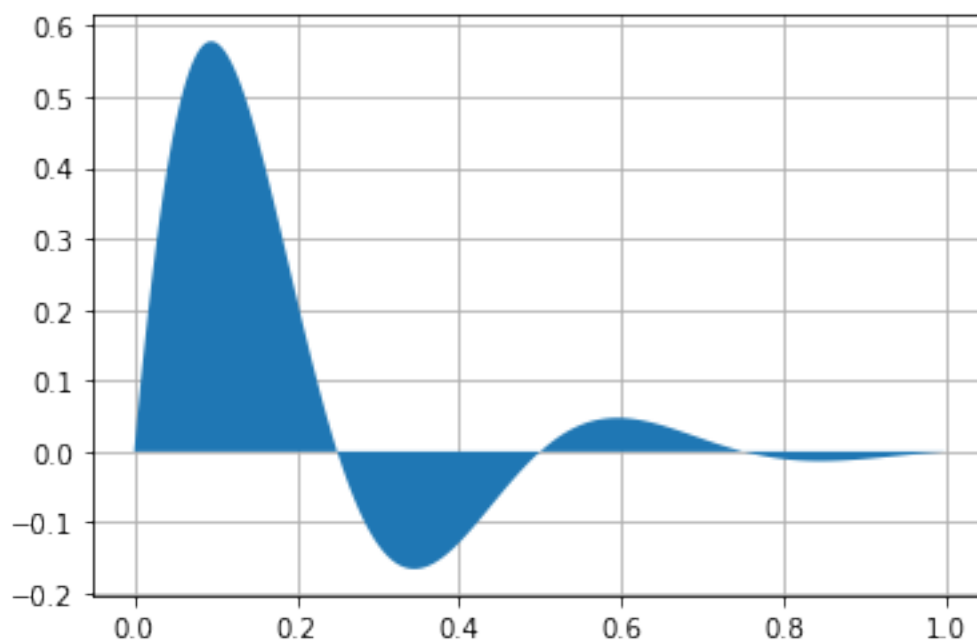
```
In [1]: %matplotlib inline
```

```
In [2]: """
        ==================
        A simple Fill plot
        ==================

        This example showcases the most basic fill plot a user can do with matplotlib.
        """
        import numpy as np
        import matplotlib.pyplot as plt

        x = np.linspace(0, 1, 500)
        y = np.sin(4 * np.pi * x) * np.exp(-5 * x)

        fig, ax = plt.subplots()

        ax.fill(x, y, zorder=10)
        ax.grid(True, zorder=5)
        plt.show()
```
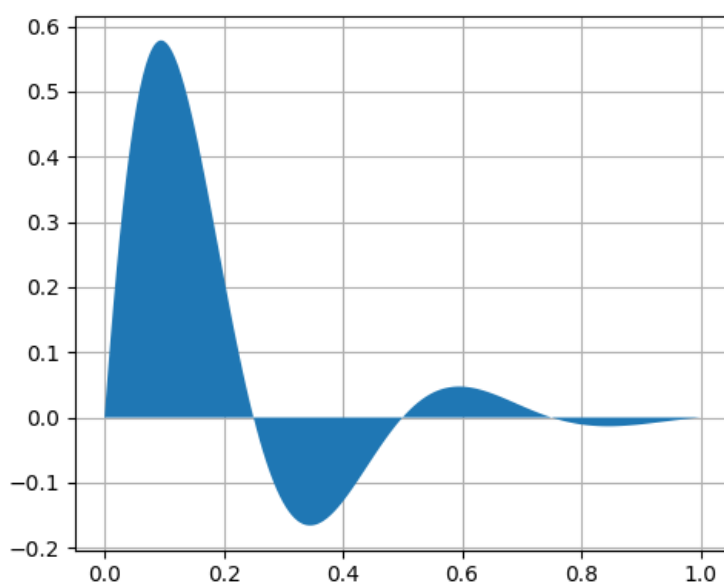
Figures can be include using the **figure** directive

1 Math

Math will flow through to the Jupyter notebook and will be rendered in place by mathjax

$$\mathbb{P}\{z = v \mid x\} = \begin{cases} f_0(v) & \text{if } x = x_0, \\ f_1(v) & \text{if } x = x_1 \end{cases}$$

2 Tables

The extension supports the conversion of **simple** rst tables.

Header 1	Header 2	Header 3
body row 1	column 2	column 3
body row 2	column 2	column 3