Contents

Python 101: Homework

Week 3 Lesson 2

Problems

1

Make a plot with red dashes, blue squares and green triangles for this array t = np.arange(0., 5., 0.2)

2

Plotting with keyword string and SCALE Matplotlib allows you provide such an object with the data keyword argument. If provided, then you may generate plots with the strings corresponding to these variables.

Plot "data" using the "scaled" values as the scales and "mycolors" as colors

```python
data = {'x': np.arange(50),
        'mycolors': np.random.randint(0, 50, 50),
        'd': np.random.randn(50)}
data['y'] = data['y'] + 10 * np.random.randn(50)
data['scaled'] = np.abs(data['d']) * 100
```

Solution

1 and 2

python tutorial