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# Style sheets reference

This script demonstrates the different available style sheets on a common set of example plots: scatter plot, image, bar graph, patches, line plot and histogram.

Any of these style sheets can be imported (i.e. activated) by its name. For example for the ggplot style:

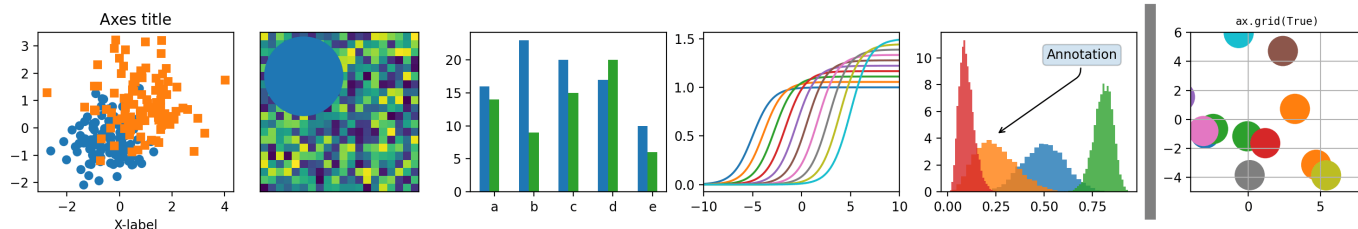
```
>>> plt.style.use('ggplot')
```

The names of the available style sheets can be found in the list

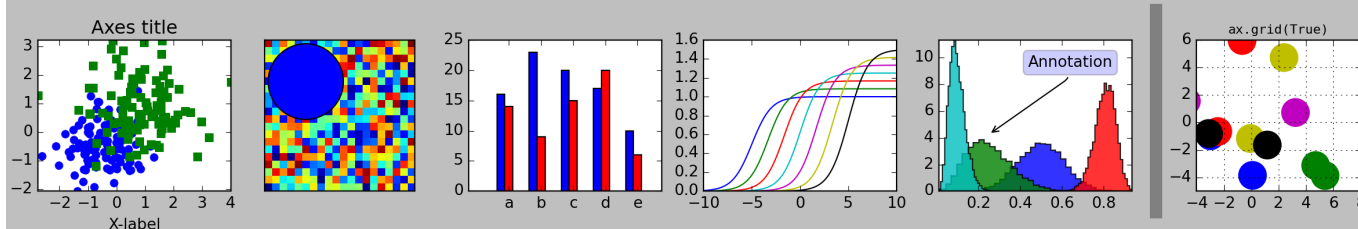
`matplotlib.style.available` (they are also printed in the corner of each plot below).

See more details in [Customizing Matplotlib using style sheets](#).

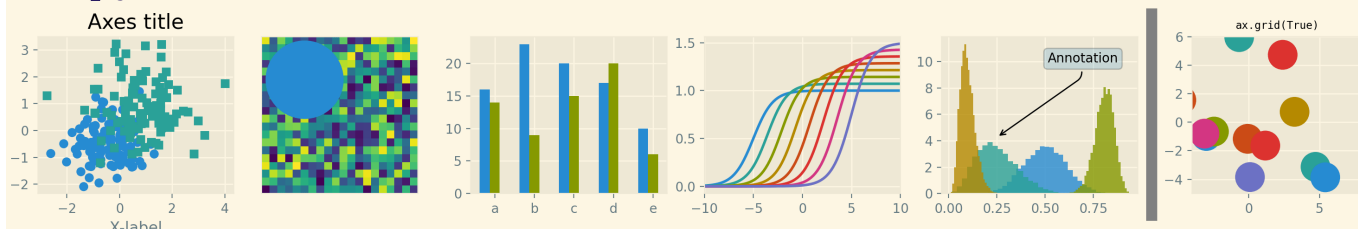
default



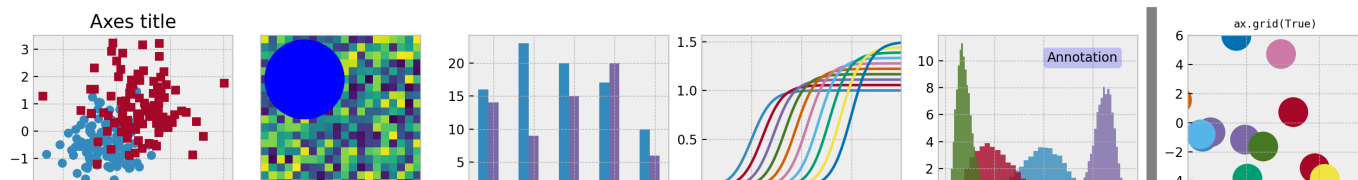
classic



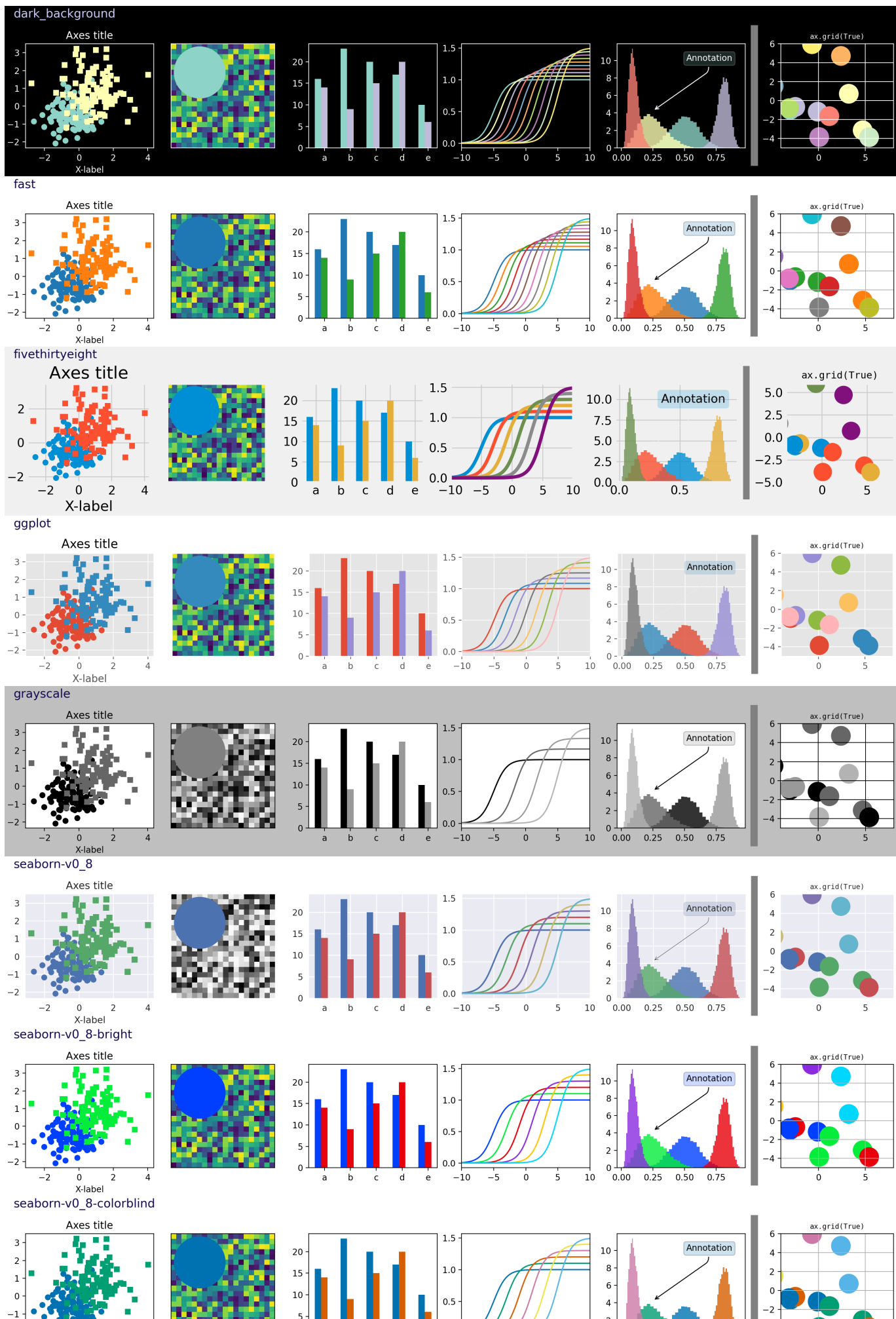
Solarize\_Light2



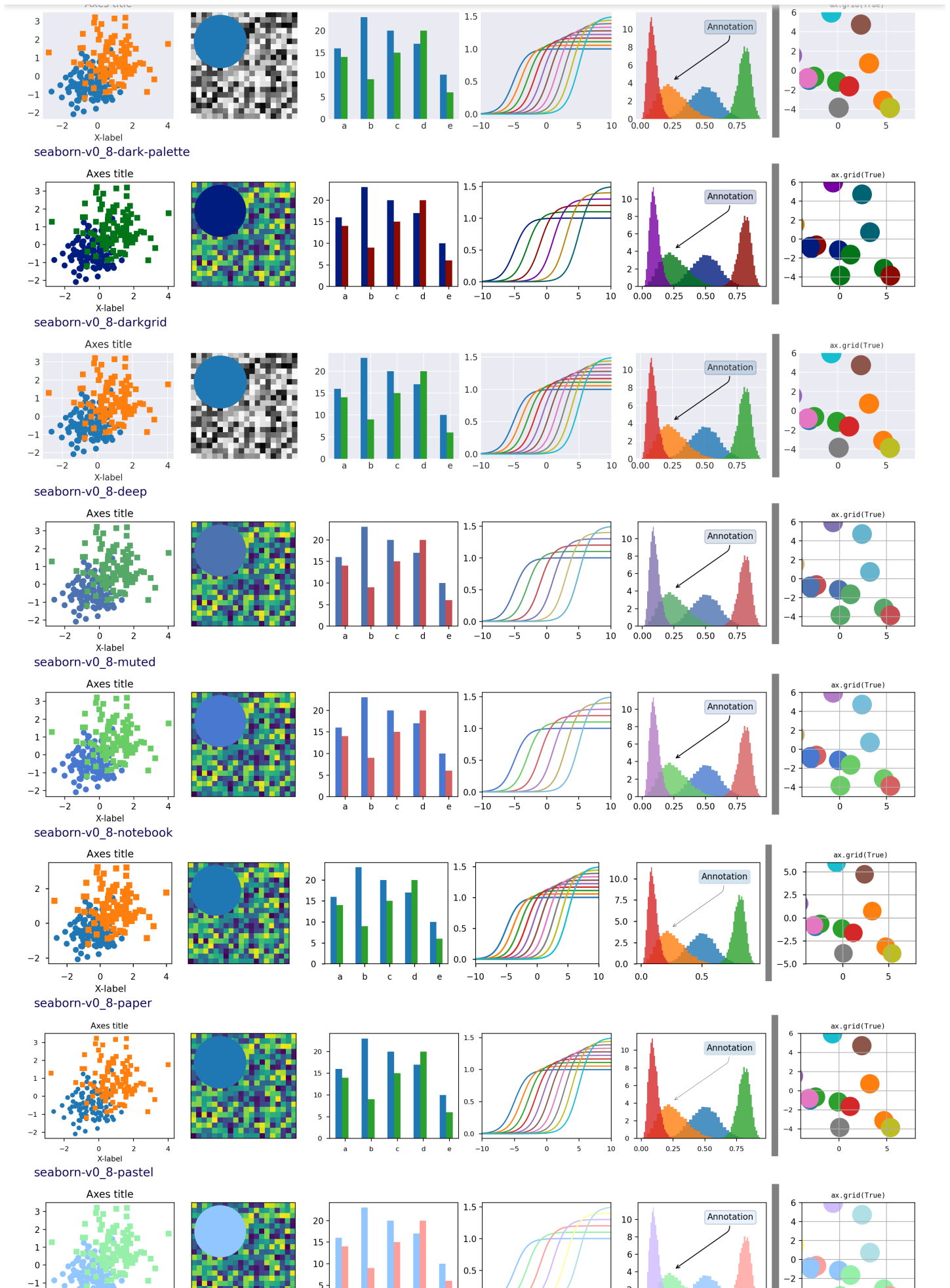
bmh



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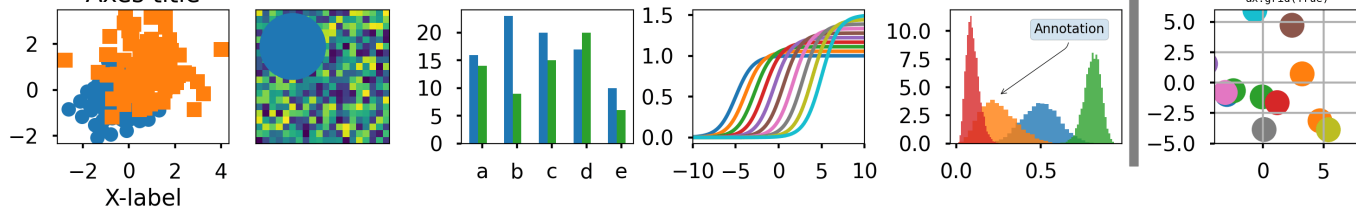
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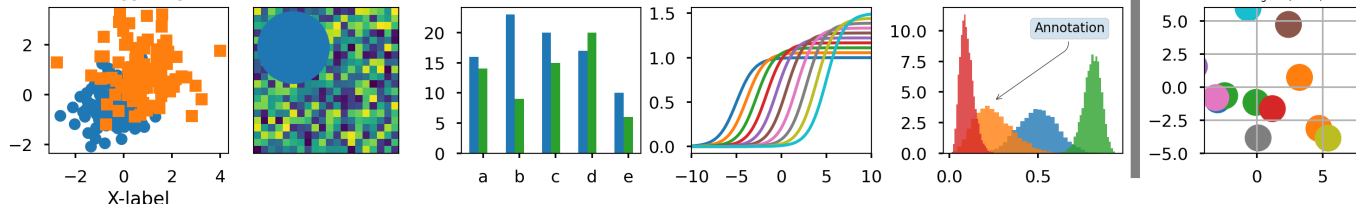
seaborn-v0\_8-poster

Axes title



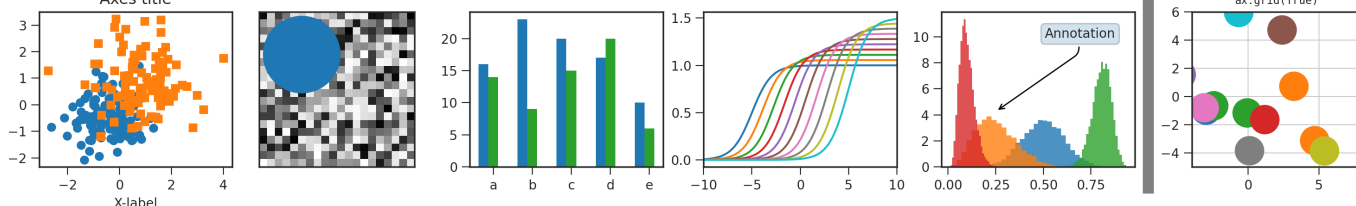
seaborn-v0\_8-talk

Axes title



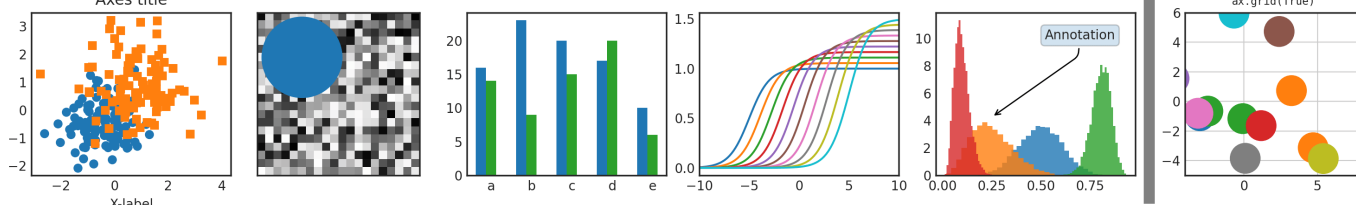
seaborn-v0\_8-ticks

Axes title



seaborn-v0\_8-white

Axes title



seaborn-v0\_8-whitegrid

Axes title

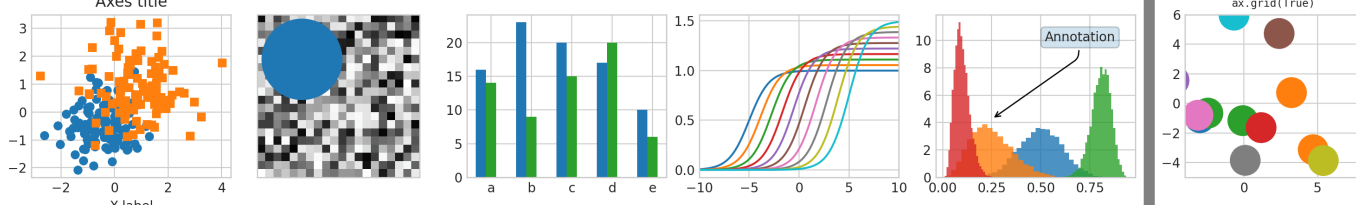
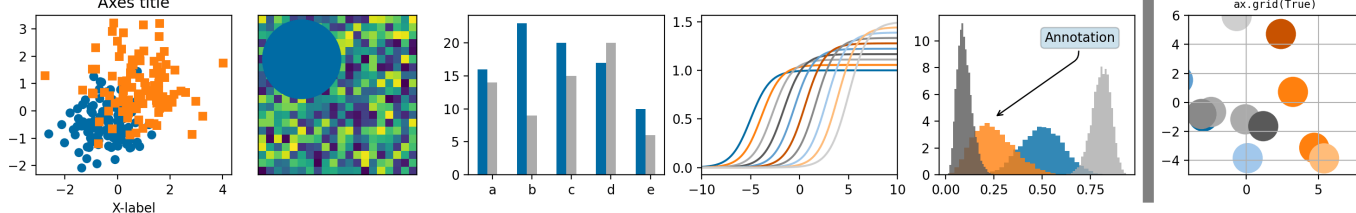


tableau-colorblind10

Axes title



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

import matplotlib.colors as mcolors
from matplotlib.patches import Rectangle

# Fixing random state for reproducibility
np.random.seed(19680801)

def plot_scatter(ax, prng, nb_samples=100):
```

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