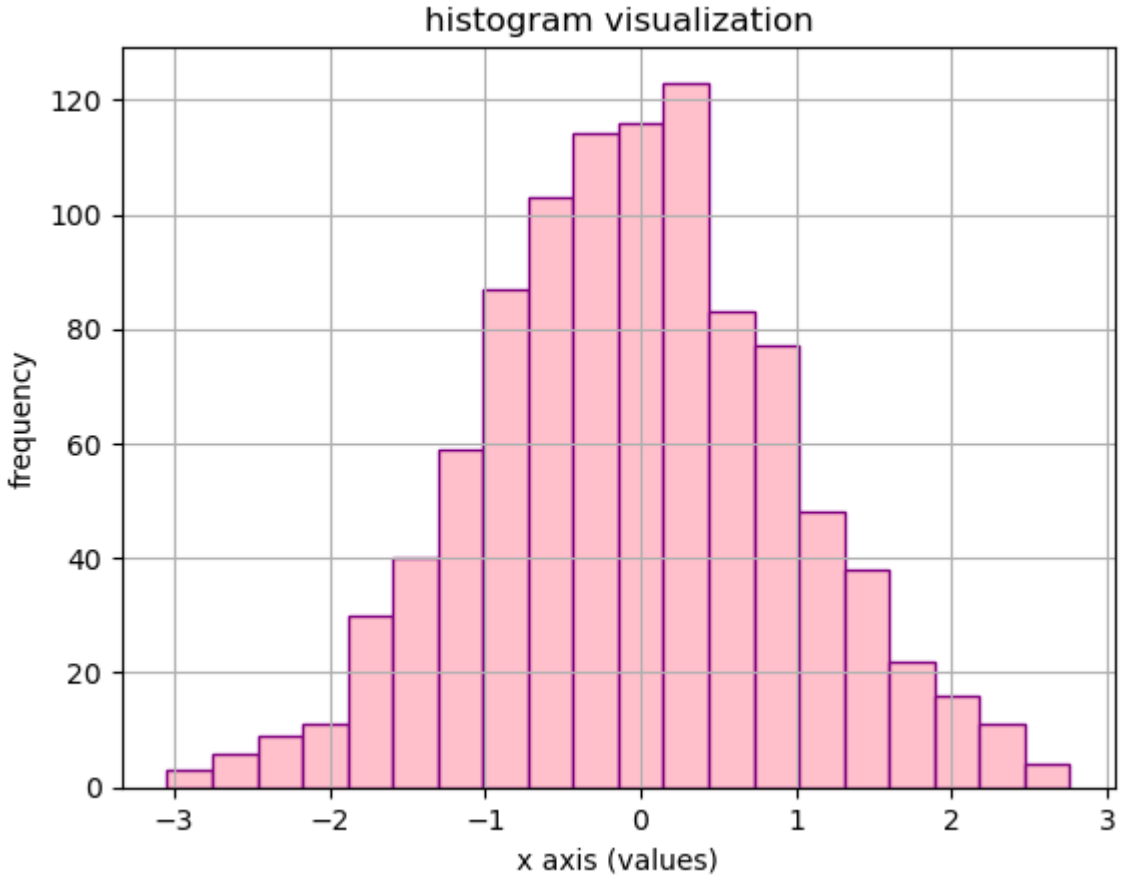
In [8]:
```
#histogram visualization

#load np, plt
import numpy as np
import matplotlib.pyplot as plt

#random data
np.random.seed(0)
data = np.random.randn(1000)

#histogram
plt.hist(data, bins=20, color='pink', edgecolor ='purple')
plt.title('histogram visualization')
plt.xlabel('x axis (values)')
plt.ylabel('frequency')
plt.grid(True)
plt.show()
```



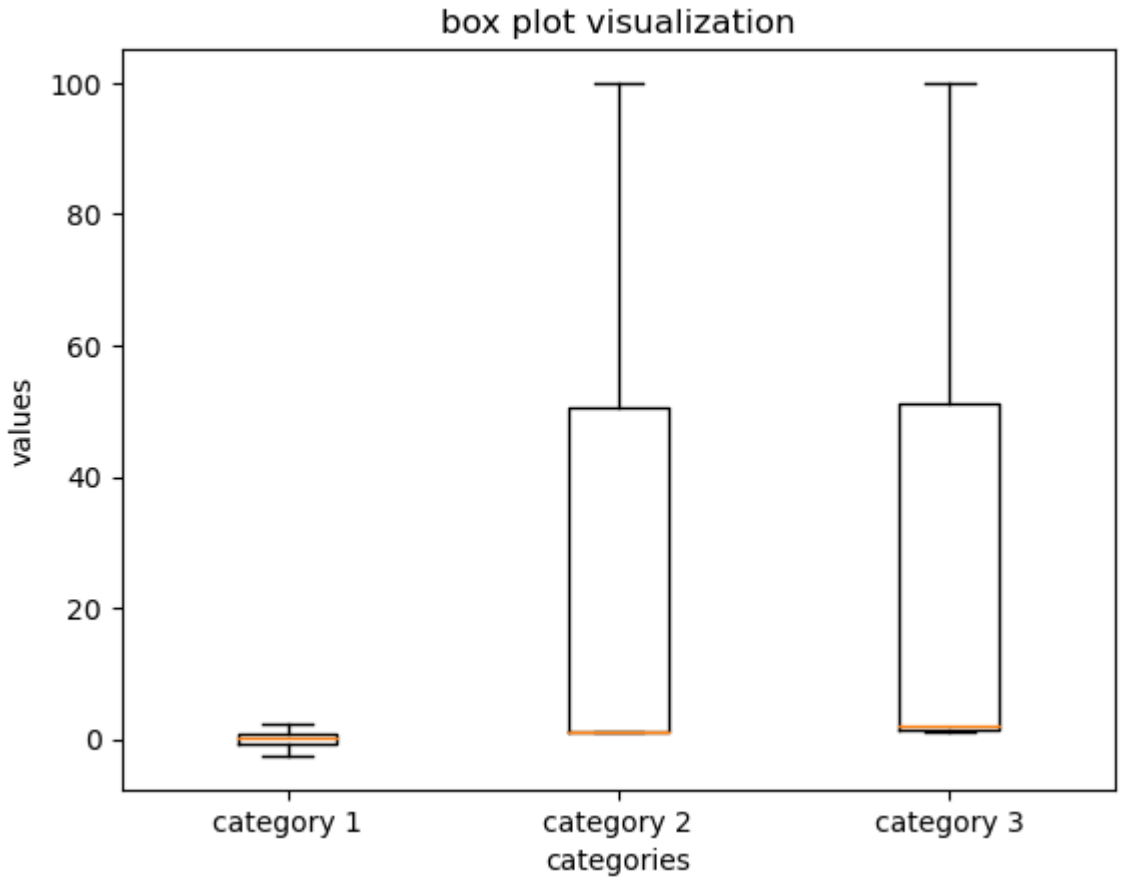
In [14]:
```
#boxplot visualization

#load np, plt
import numpy as np
import matplotlib.pyplot as plt

#random data
np.random.seed(0)
data = [np.random.normal(0, 1, 100), (1, 1, 100), (2, 1, 100)]

#boxplot graph
```

```
plt.boxplot(data, labels=['category 1', 'category 2', 'category 3'])
plt.title('box plot visualization')
plt.xlabel('categories')
plt.ylabel('values')
plt.show()
```



In [ ]: