```python
import pandas as pd
df = pd.read_csv('training.csv')
print(df)
```

```
                                                    text  label
0                             i didnt feel humiliated      0
1       i can go from feeling so hopeless to so damned...      0
2        im grabbing a minute to post i feel greedy wrong      3
3       i am ever feeling nostalgic about the fireplac...      2
4                                  i am feeling grouchy      3
...                                                  ...    ...
15995  i just had a very brief time in the beanbag an...      0
15996  i am now turning and i feel pathetic that i am...      0
15997                   i feel strong and good overall      1
15998  i feel like this was such a rude comment and i...      3
15999  i know a lot but i feel so stupid because i ca...      0

[16000 rows x 2 columns]
```

```python
print(df.head(5))
```

```
                                                text  label
0                         i didnt feel humiliated      0
1  i can go from feeling so hopeless to so damned...      0
2   im grabbing a minute to post i feel greedy wrong      3
3  i am ever feeling nostalgic about the fireplac...      2
4                              i am feeling grouchy      3
```

```python
import pandas as pd

# Load the dataset
df = pd.read_csv('training.csv')  # Update with your file path

# Count occurrences of label "0"
count_label_0 = df['label'].value_counts().get(0, 0)

print("Number of occurrences of label '0':", count_label_0)
```

```
Number of occurrences of label '0': 4666
```

```python
import pandas as pd
import matplotlib.pyplot as plt

# Load the dataset
df = pd.read_csv('training.csv')  # Update with your file path

# Count the occurrences of each label
label_counts = df['label'].value_counts()

# Filter labels 0 and 1
label_0_count = label_counts.get(0, 0)
label_1_count = label_counts.get(1, 0)

# Create a bar plot
plt.bar(['Label 0', 'Label 1'], [label_0_count, label_1_count])
plt.xlabel('Label')
plt.ylabel('Count')
plt.title('Count of Labels 0 and 1')
plt.show()
```
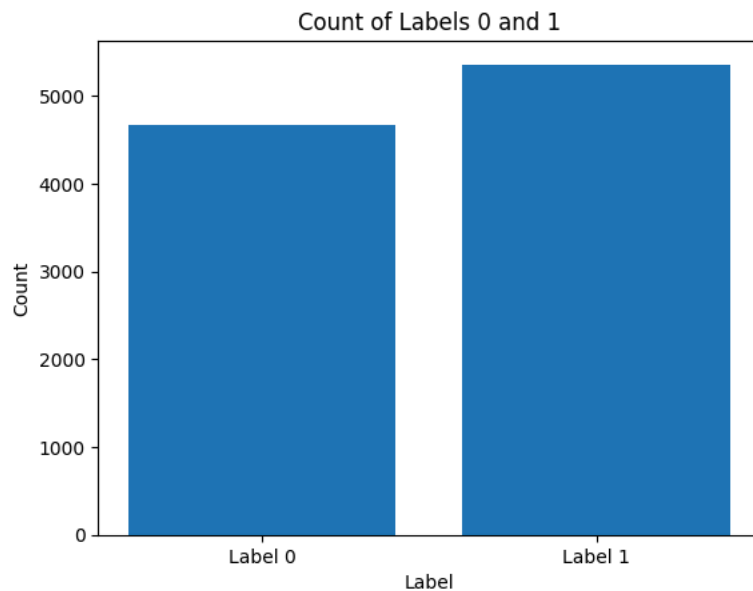
Count of Labels 0 and 1


```python
import pandas as pd

# Load the dataset
df = pd.read_csv('training.csv')  # Update with your file path

# Count occurrences of label "1"
count_label_1 = df['label'].value_counts().get(1, 0)

print("Number of occurrences of label '1':", count_label_1)
```

```
    Number of occurrences of label '1': 5362
```

```python
import pandas as pd

# Load the dataset
df = pd.read_csv('training.csv')  # Update with your file path

# Count occurrences of label "2"
count_label_2 = df['label'].value_counts().get(2, 0)

print("Number of occurrences of label '2':", count_label_2)
```

```
    Number of occurrences of label '2': 1304
```
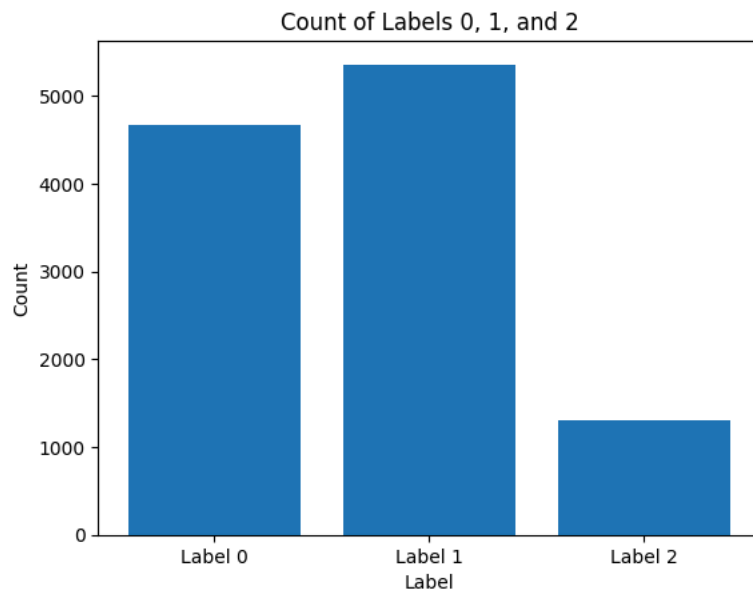
```python
import pandas as pd
import matplotlib.pyplot as plt

# Load the dataset
df = pd.read_csv('training.csv')  # Update with your file path

# Count the occurrences of each label
label_counts = df['label'].value_counts()

# Filter labels 0, 1, and 2
label_0_count = label_counts.get(0, 0)
label_1_count = label_counts.get(1, 0)
label_2_count = label_counts.get(2, 0)

# Create a bar plot
plt.bar(['Label 0', 'Label 1', 'Label 2'], [label_0_count, label_1_count, label_2_count])
plt.xlabel('Label')
plt.ylabel('Count')
plt.title('Count of Labels 0, 1, and 2')
plt.show()
```

```python
import pandas as pd

# Load the dataset
df = pd.read_csv('training.csv')  # Update with your file path

# Count the occurrences of each label
label_counts = df['label'].value_counts()

# Display the counts
print("Label 0 count:", label_counts.get(0, 0))
print("Label 1 count:", label_counts.get(1, 0))
print("Label 2 count:", label_counts.get(2, 0))
```

```
    Label 0 count: 4666
    Label 1 count: 5362
    Label 2 count: 1304
```

```python
import pandas as pd
import matplotlib.pyplot as plt

# Load the dataset
df = pd.read_csv('training.csv')  # Update with your file path

# Count the occurrences of each label
label_counts = df['label'].value_counts()

# Extract the counts for labels 0, 1, 2, 3, and 4
label_0_count = label_counts.get(0, 0)
label_1_count = label_counts.get(1, 0)
label_2_count = label_counts.get(2, 0)
label_3_count = label_counts.get(3, 0)
label_4_count = label_counts.get(4, 0)

# Create a bar plot
labels = ['Label 0', 'Label 1', 'Label 2', 'Label 3', 'Label 4']
counts = [label_0_count, label_1_count, label_2_count, label_3_count, label_4_count]

plt.bar(labels, counts)
plt.xlabel('Label')
plt.ylabel('Count')
plt.title('Count of Labels 0, 1, 2, 3, and 4')
plt.show()
```

Count of Labels 0, 1, 2, 3, and 4