

```
(2)
print("\n + = *60")
print("SAMPLE PREDICTIONS")
print("=*60")

print("\n Sample 1: High energy, fast tempo (Rock-like)")
predict_genre(tempo=125, energy=0.85, spectral_centroid=2600, zcr=0.15, mfcc_mean=5)

print("\n Sample 2: Moderate tempo, lower energy (Jazz-like)")
predict_genre(tempo=105, energy=0.55, spectral_centroid=2100, zcr=0.09, mfcc_mean=-15)

print("\n Sample 3: Very fast, high energy (Electronic-like)")
predict_genre(tempo=130, energy=0.92, spectral_centroid=3100, zcr=0.20, mfcc_mean=15)

print("\n + = *60")
print("💎 Music Genre Prediction System Complete!")
print("=*60")
```

(4) Name: count, dtype: int64

Feature Distributions by Genre

