

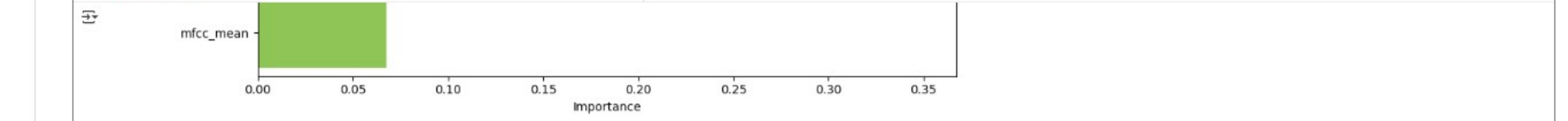
```
[2] print("\n + "*)
print("SAMPLE PREDICTIONS")
print("=*60)

print("\n1 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("\n2 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("\n3 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" + "*)
print("💫 Music Genre Prediction System Complete!")
print("=*60)
```



Feature Importance:

	feature	importance
1	energy	0.349775
3	zero_crossing_rate	0.274836
0	tempo	0.168696
2	spectral_centroid	0.139110
4	mfcc_mean	0.067584

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SAMPLE PREDICTIONS

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1 Sample 1: High energy, fast tempo (Rock-like)