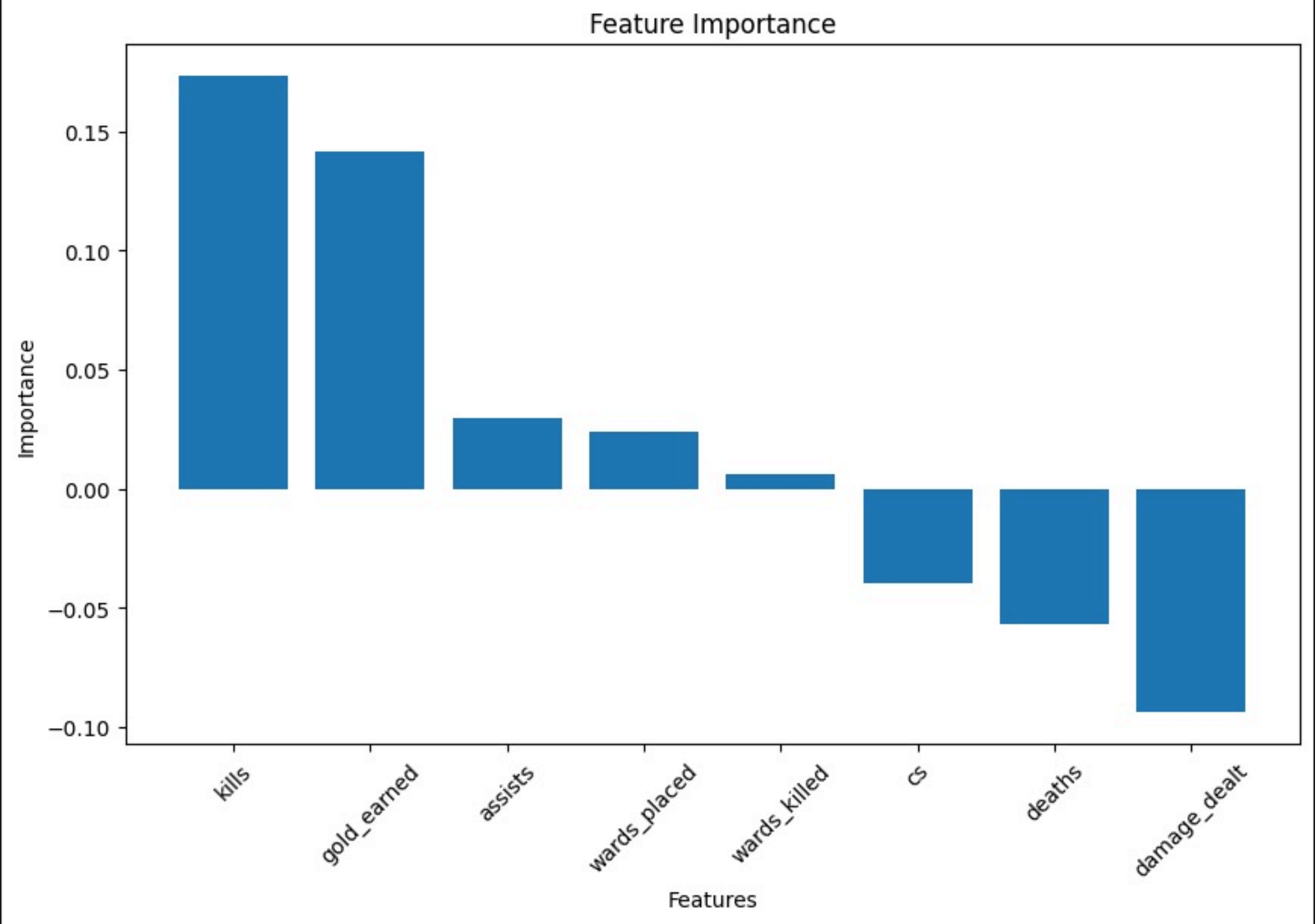
```python
import pandas as pd
import matplotlib.pyplot as plt
#Extract the weights of the linear layer:
weights = model.linear.weight.data.numpy().flatten()
features = X.columns
# Create a DataFrame for feature importance
feature_importance = pd.DataFrame({'Feature': features, 'Importance': weights})
feature_importance = feature_importance.sort_values(by='Importance', ascending=False)
print(feature_importance)
#Plot feature importance
plt.figure(figsize=(10, 6))
plt.bar(feature_importance['Feature'], feature_importance['Importance'])
plt.xlabel('Features')
plt.ylabel('Importance')
plt.title('Feature Importance')
plt.xticks(rotation=45)
plt.show()
```

```
        Feature  Importance
0         kills    0.173146
3   gold_earned    0.141377
2       assists    0.029772
5  wards_placed    0.023992
6  wards_killed    0.006062
4            cs   -0.039459
1        deaths   -0.057060
7  damage_dealt   -0.094107
```


Feature Importance
Importance
0.15
0.10
0.05
0.00
−0.05
−0.10
kills
gold_earned
assists
wards_placed
wards_killed
cs
deaths
damage_dealt
Features

Looks like some of the top important features are `kills` and `gold_earned`.