

Sentiment Analysis Report: Demon Slayer: Kimetsu no Yaiba Infinity Castle | MAIN TRAILER

Video ID: x7uLutVRBfI

Analysis Summary & Model Performance

RANDOM FOREST SENTIMENT ANALYSIS REPORT: Demon Slayer: Kimetsu no Yaiba Infinity Castle
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Total Comments Analyzed (English only): 3059

Model: Optimized Random Forest Classifier

--- Model Performance (on Test Set) ---

	precision	recall	f1-score	support
negative	0.59	0.65	0.62	82
neutral	0.84	0.87	0.86	445
positive	0.85	0.76	0.81	238
accuracy			0.82	765
macro avg	0.76	0.76	0.76	765
weighted avg	0.82	0.82	0.82	765

--- Best Hyperparameters ---

```
{'n_estimators': 400, 'min_samples_split': 2, 'min_samples_leaf': 2, 'max_features': 'sqrt', 'max_depth': None, 'class_weight': 'balanced', 'bootstrap': False}
```

--- Top 20 Most Influential Phrases ---

feature	importance
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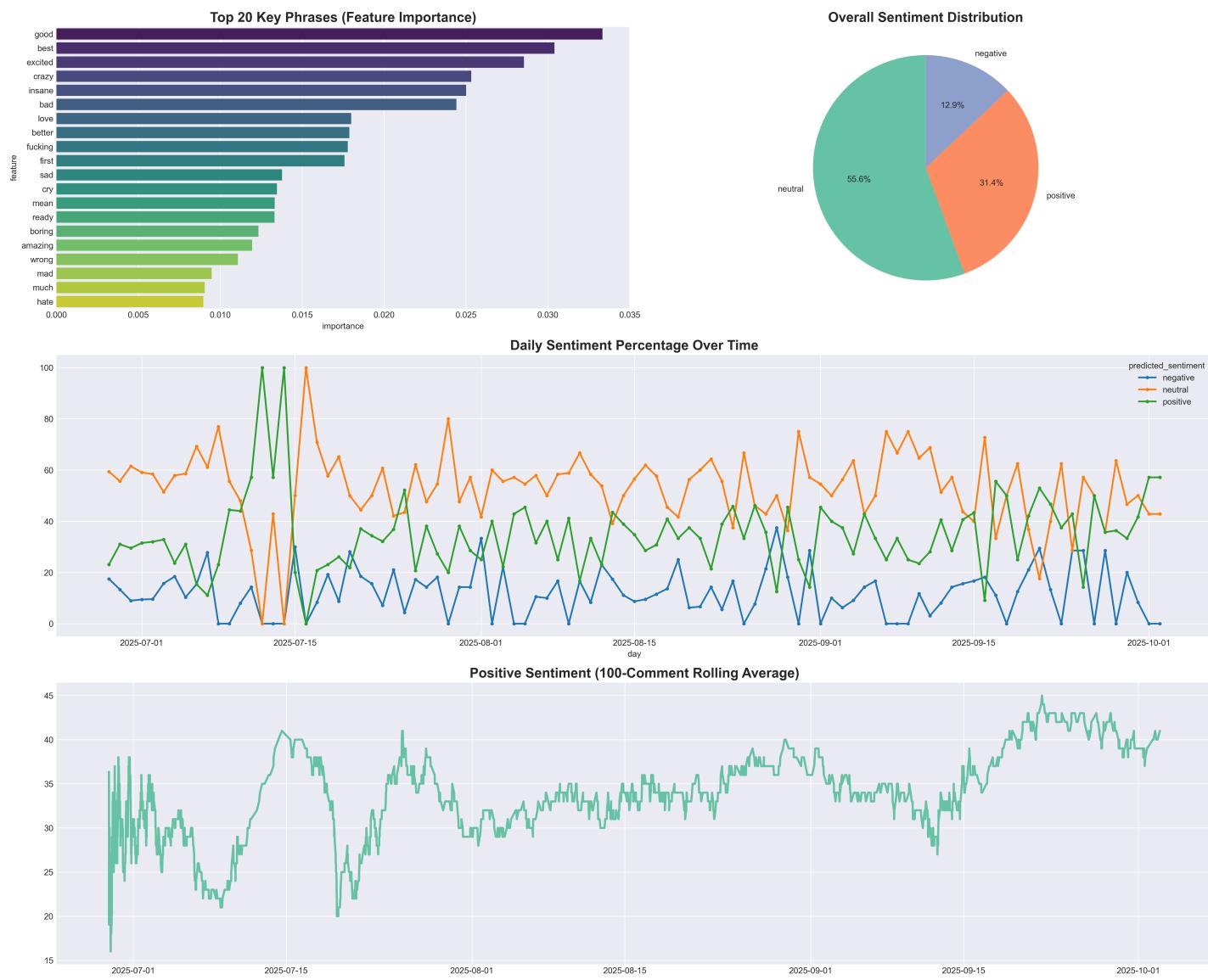
good	0.033337
best	0.030403
excited	0.028540
crazy	0.025321
insane	0.025007
bad	0.024418
love	0.017991
better	0.017882
fucking	0.017779
first	0.017582
sad	0.013772
cry	0.013459
mean	0.013324
ready	0.013316
boring	0.012337
amazing	0.011942
wrong	0.011074
mad	0.009477
much	0.009049
hate	0.008963

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Analysis Dashboard

Random Forest Sentiment Analysis: Demon Slayer: Kimetsu no Yaiba Infinity Castle | MAIN TRAILER



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Sentiment Word Clouds

