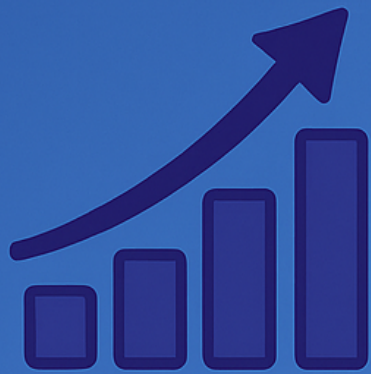


LLM Product Recommender:

How AI-Powered Semantic Recommendations Are Transforming Product Search & Trust on Amazon (and Beyond)



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Test the Model with Our Sample or Upload Your Own Data

You can either:

- Use our **sample Amazon review dataset**, or
- Upload your own CSV with these **required columns**:
 - `reviewText` (text), `verified_purchase` (0 or 1), `helpful_vote` (int), `asin` (text)

Upload your CSV file here

☁️

Drag and drop file here
Limit 200MB per file • CSV

Browse files

Use Sample Dataset

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Metric	Result (App)	Business Target
MAE (Mean Abs. Error)	0.72 stars	≤ 1.0 star
RMSE	0.99 stars	≤ 1.2 stars
R ² Score	0.44	≥ 0.40
Pseudo-Classification Acc.	48.4%	$\geq 40\%$
Inference Time	<2 seconds	Real-time, scalable



Navigation

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- ☐  Overview
- ☐  Test or Upload Data
- ☒  Explain Model (SHAP)
- ☐  LLM Recommendation



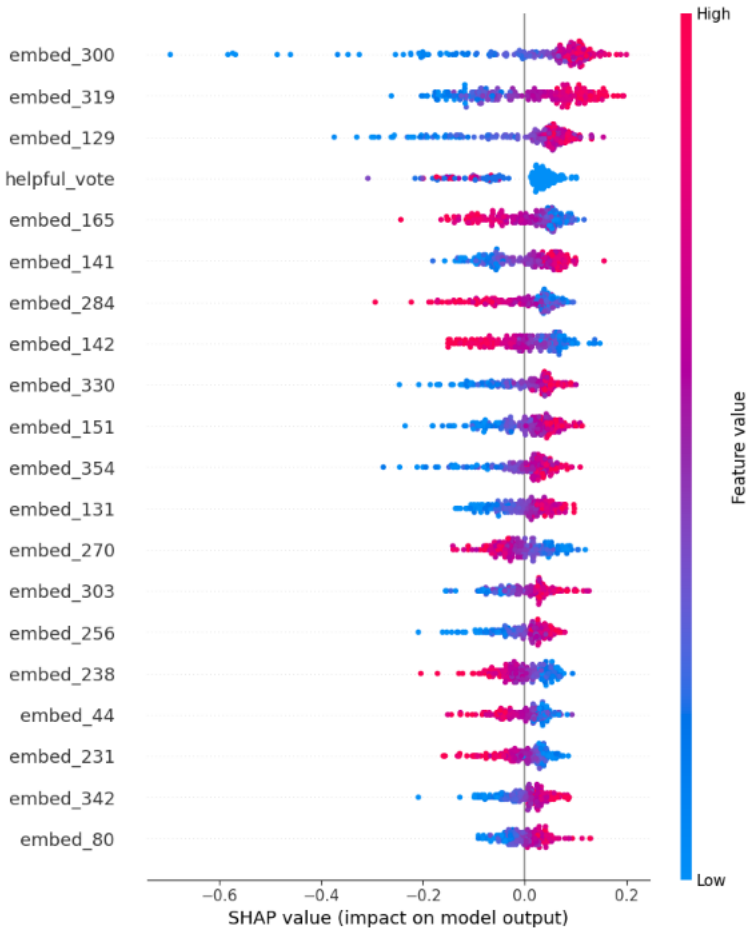
Model Explainability with SHAP


This view explains **why** the model predicts certain ratings. The SHAP summary plot shows which features most influence predictions.


Generate SHAP Summary Plot

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 **Navigation**



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AI-Powered Product Recommendation

Enter a product query and get a personalized recommendation based on customer reviews — powered by the **Phi-2 language model**.

Type your product query here:

Looking for a long-lasting Bluetooth headset with noise cancellation

Submit Query

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