

TrendNav AI - Signal-Driven Product Discovery

Better Products, Bigger Sales!

Turn product trends into real business results

Before...



Spend hours finding and listing products



Drown in endless reviews and posts



Miss viral trends that competitors capitalize on first

TrendNav helps!

Top Weekly Trends



What do customers want on Social Media?

Market Mapping



Links trends to Inventory

Proof-Backed Decisions



Our dashboard helps you select trending product

Business Values



Trend lead-time

Catch viral ideas up to 2 months earlier than marketplace



Research savings

Skip the manual digging



Higher conversions

Increase profit by speaking your customers' language



Smart Inventory Planning

Stock smarter with real-time market signals

How does it work?

DATA COLLECTION & STORAGE

Multi-source collection



Reddit API Amazon API

Ingestion & Storage



AWS S3

Big Data Processing

Spark



Amazon SageMaker

Databricks Sagemaker AI

How We Turned Raw Reviews Into Smart Trend Signals

NLP & Trend Extraction

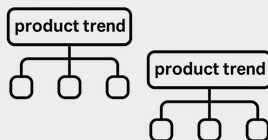
Sentiment & intent mining to using **RoBERTa**



Keyword extraction using **KeyBERT** on **MiniLM**

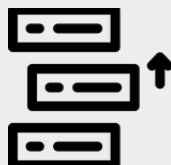


NER with RoBERTa - Spots key product mentions



Group related phrases with **spaCy + TF-IDF**

Rule-based scoring to identify trending topics



Hugging Face



Marketplace Mapping

Sentence-Transformers cosine similarity



+

Fuzzy title and attribute matching with Amazon



DELIVERY

Streamlit Dashboard

Spot trending topics with sentiment


Fix the gap  Ride the trend

Check Amazon availability

✓ Sell existing
✗ Be the first




Streamlit

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