



# REEL FEEL

Your personal movies recommender

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# *Other Recommender Systems chase clicks...*

*What they think you want*

*"People who liked Inception also liked Tenet"*

*You liked car chases? Here's 50 more*

*High positivity – good movie*

*What you actually get*

*A headache and two existential crises.*

*Same movie, different font*

*Recommends 'The Emoji Movie'*





*How do  
you  
want to  
feel  
tonight?*

We ask *how* you want to feel, not just *who* you want to copy

We look at emotional nuance --> joy vs. adrenaline are not synonyms

We separate *emotion* from *evaluation* --> sad can be beautiful.

Empathetic, multi-modal, and just a little cinematic.





*We look for different perspectives*

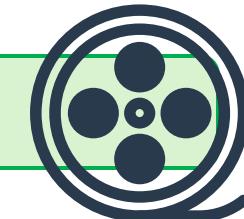




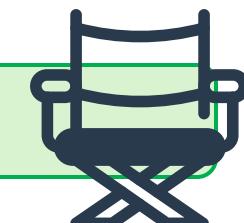
## *We look for different perspectives*



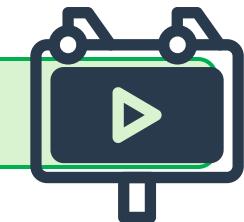
User Reviews - 25 per movie



Critics Reviews - 10 per movie



Trailers - 25 per movie





# *What goes behind*

Uses RoBERTa (emo) and DistilBERT ( sent)

Employ Hugging Face pre-trained Transformer model for emotion detection

TF-IDF head+tail selection to keep the punchy parts for **longer reviews**

Get **7-emotion distribution** for each comment and a **sentiment score**

Weightage as per the **user preference**

Fuse multi-source vectors per movie followed by **L2-norm**

Query → **cosine similarity** → rank top-k

Get Recommendations

Add the user feedback for future recommendations





# "AHA" moments

## Critic vs Audience

**Strong emotional agreement**

(0.85 cosine similarity)

**No systematic harshness**

(Sentiment gap centers around 0)

**Explosions unite; complexity divides**

(Action/Adventure -> Strong alignment  
Drama/Bio -> Low alignment)

## Hype vs Reality

**Strong emotional agreement**

(0.81 cosine similarity)

**Similar Sentiment**

(Both trailer and movie sentiments center around the same positive value)

**Adrenaline is Predictable; Dread is Unexpected**

(Action/Adventure -> Strongest alignment  
Mystery/Horror-> Lowest alignment)

## What drives Rating?

**Emotion decoupling**

Emotional richness or tone don't directly drive ratings. Contextual or **emotionally resonant narratives** can override tonal expectations

**Emotional diversity vs ratings**

Users reward coherence over sheer complexity

**Entropy**

Audiences experience richer and more diverse emotions than critics





Let's Feel the Reel !!  
*Time to set your mood*



