

**YOU RATE, WE RECOMMEND -
INSTANTLY**

REAL-TIME MOVIE MAGIC

WHY IT CLICKS



Keep Viewers Watching

Every rating triggers fresh, tailored picks - just in time for the next binge



See What's Trending

Track viewer taste shifts and ride the trend wave in content, marketing, and licensing



Make Every Promo Count

Serve up what fits - right genre, right user, right now

BUILT TO BINGE



Streaming-Level Speed

No delays. Just dynamic, instant updates with every click



Built on Streaming Tech

Powered by PySpark - scalable, real-time, and ready for the spotlight



Intelligence BTS

Continuously learning what viewers love (and skip)



BEHIND THE STREAM



WHY ALS IS BUILT FOR REAL-TIME RECS



Engineered for Big Data

Scales seamlessly across massive data



Parallelized by Design

Computes efficiently across multiple nodes



Lower Error at Higher Scale

Performs better than trees/linear



Faster Training on Distributed Systems

Matrix factorization = speed boost

Top-tier Companies
using ALS

NETFLIX

amazon



Spotify



airbnb

MOVIELENS: OUR STREAMING LIBRARY

20M+



Ratings

138K+



Users

27K+



Movies



TEAM 7

Abraham Perunthekary George
perun010@umn.edu

Ishan Kotian
kotia006@umn.edu

Aaron Nelson
nel02089@umn.edu

Tina Son
son06217@umn.edu

Archita Vaje
vaje0001@umn.edu

Yi Hsiang (Royce) Yen
yen00036@umn.edu



**Real-Time Ratings &
ALS Monitoring
Dashboards**