# **📌 Day 2 – Learn Recommender Systems Basics**

*(Collaborative vs Content-based vs Hybrid)*

## **✅Understand Recommender Types**

1. **Content-Based Filtering (CBF)**
   * Recommend items similar to what the user already liked.
   * Uses item features (e.g., song audio features like **danceability**, **valence**, **tempo**).  
     👉 Example: *“User liked a high-energy, happy song → recommend other high-energy, happy songs.”*
2. **Collaborative Filtering (CF)**
   * Based on **user–item interactions** (ratings, listens, likes).
   * Finds similar users or similar items.  
     👉 Example: *“Users who liked Song A also liked Song B.”*
3. **Hybrid Recommenders**
   * Combine CF + CBF.
   * Spotify uses hybrid models (mixing audio features + user behavior).