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**Write logic for this:  
1.** A retail chain wants to forecast product sales using factors like holidays, promotions, location, and inventory. The dataset has 80 features. How should they select the most impactful ones?

2.A podcast platform wants to recommend new podcasts to users based on the categories and hosts they follow. How should they design this content-based system?

3.An industrial firm wants to predict machine failure using sensor readings and system logs (200+ features). How do they choose which inputs to use?

**4.** A fashion app wants to suggest outfits to users based on their previous likes, color preferences, and seasonal trends. How should they implement the recommendation?

**5.**A research lab wants to predict heart disease using patient data. The dataset has lab results, habits, and vitals. How should they select only the most relevant features?

**6.** A job portal wants to recommend job listings based on a user’s resume and previous applications. How can they build a recommendation system?

**7.** A smart home system wants to predict energy usage using readings from multiple sensors. With 100+ features, how do they reduce complexity?

**8.** An e-learning platform wants to suggest tutorials based on a learner's skill gaps identified from quizzes. How should they build this system?

9.A social media app wants to predict post engagement (likes/comments) using post features, timing, and user activity. How do they select the right features?

**10.** Now you want to create an app named attendance in the project and register it.write logic for this Django project

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