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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?

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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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