




Mobile price classification


Group 5


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Our Dataset


Mobile Price Classification





 Create


 Home


 Competitions


 Datasets


 Models


 Code


 Discussions


 Search


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 2236

 Code

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Mobile Price Classification


Classify Mobile Price Range

Data Card

Code (4479)

Discussion (27)

Suggestions (0)



Problem & Goal

Problem

- Classification problem – Predicting price category based on technical specifications

Goal

- Assist manufacturers in identifying the appropriate price range for their mobile phones
- Compare different models

Hypothesis & Benefits

Hypothesis

- There is a notable correlation between the features of a mobile phone and its classification into different price ranges
 - Specifically, as the features (such as RAM, CPU, or resolution) improve or increase, the corresponding price range is likely to expand as well
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Benefits

- Optimize mobile pricing to position products effectively
- Understand customer expectations on features, performance, and price
- Maximize profits by balancing affordability and business gains

Preliminary schedule

Identify the relevant features

Decide on the evaluation metrics to assess model's performance

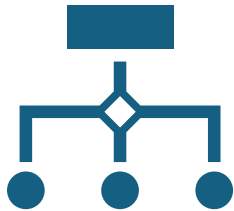
Preprocess data

Choose appropriate algorithm for classification

Tune the hyperparameters (use correct k)

Make recommendations based on the result

Work distribution



Algorithm selection and model
development: 3-4 weeks



Model tuning and evaluation:
2-3 weeks



Documentation and reporting:
2 weeks

Thank you for your attention