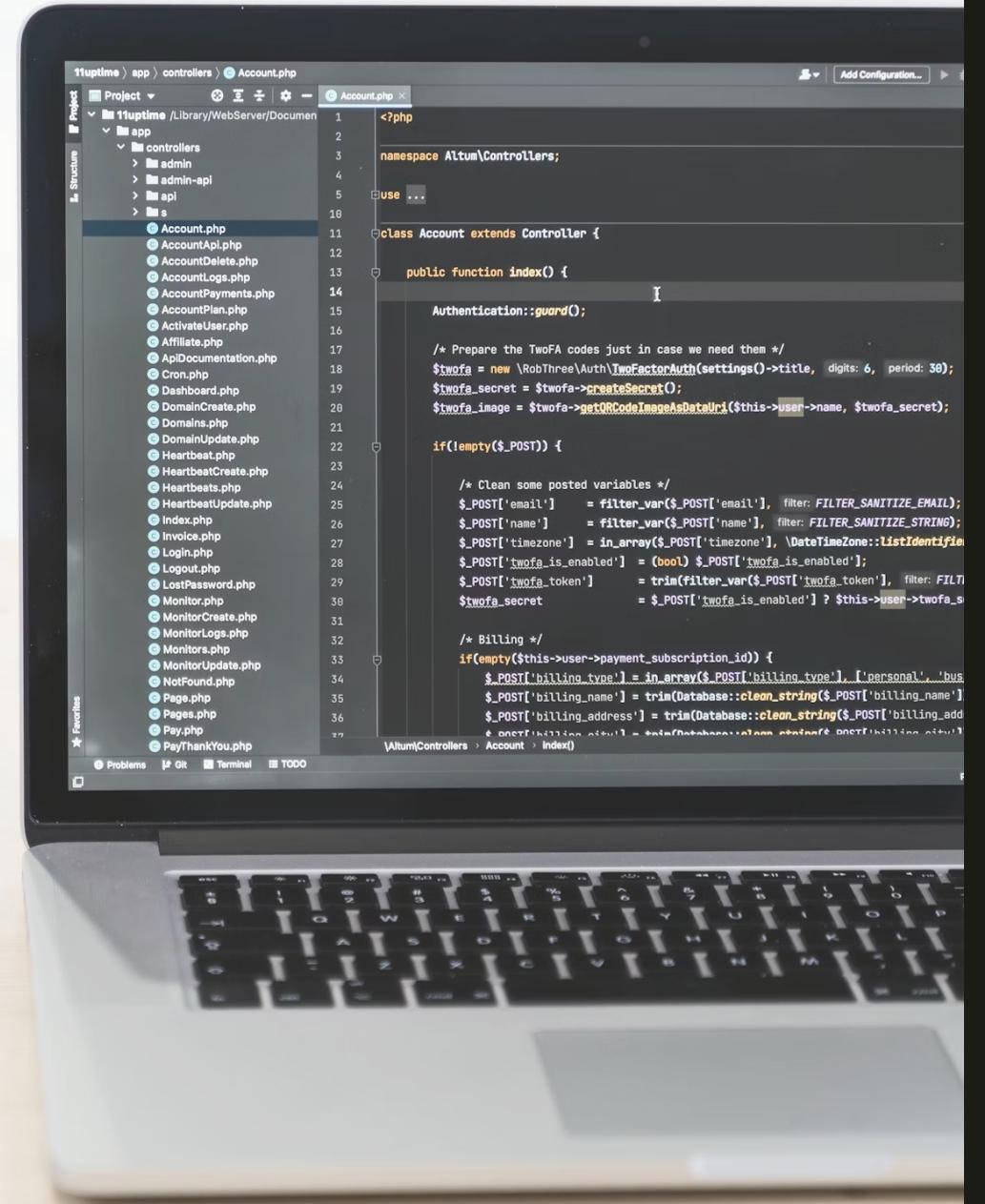


DATE

04 September 2024

Laptop Price Prediction with ML

Overview project :



1. Client:

- SmartTech Co

2. Importance:

3. Dataset:

- CSV file (1303, 13)

4. Technical stacks:

- google colab
- libraries like pandas ,sklearn and so on

PROJECT OBJECTIVE:

1. Accurate Pricing:

- based on features

2. Market Positioning:

3. Brand Influence:

4. Key Challenges:

- diverse specification
- combination of features
- complex data in few columns

PROJECT PHASES:

- Data Exploration and Understanding:
- Data Preprocessing:
- Feature Engineering:
- Model Development:
- Hyperparameter Tuning:
- Real-time Prediction:
- Insights:

Data Exploration & Preprocessing

- Missing values and unknown columns:
- Convert datatypes of few columns:
- Explore features affecting price :
 - brands like apple affects price
 - ppi affects price are few
- Handling Outliers:

EDA AND FEATURE ENGINEERRING :

- we will see in colab

Thank you



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