

DATE

04 September 2024

# Laptop Price Prediction with ML

# Overview project :

## 1. Client:

- SmartTech Co

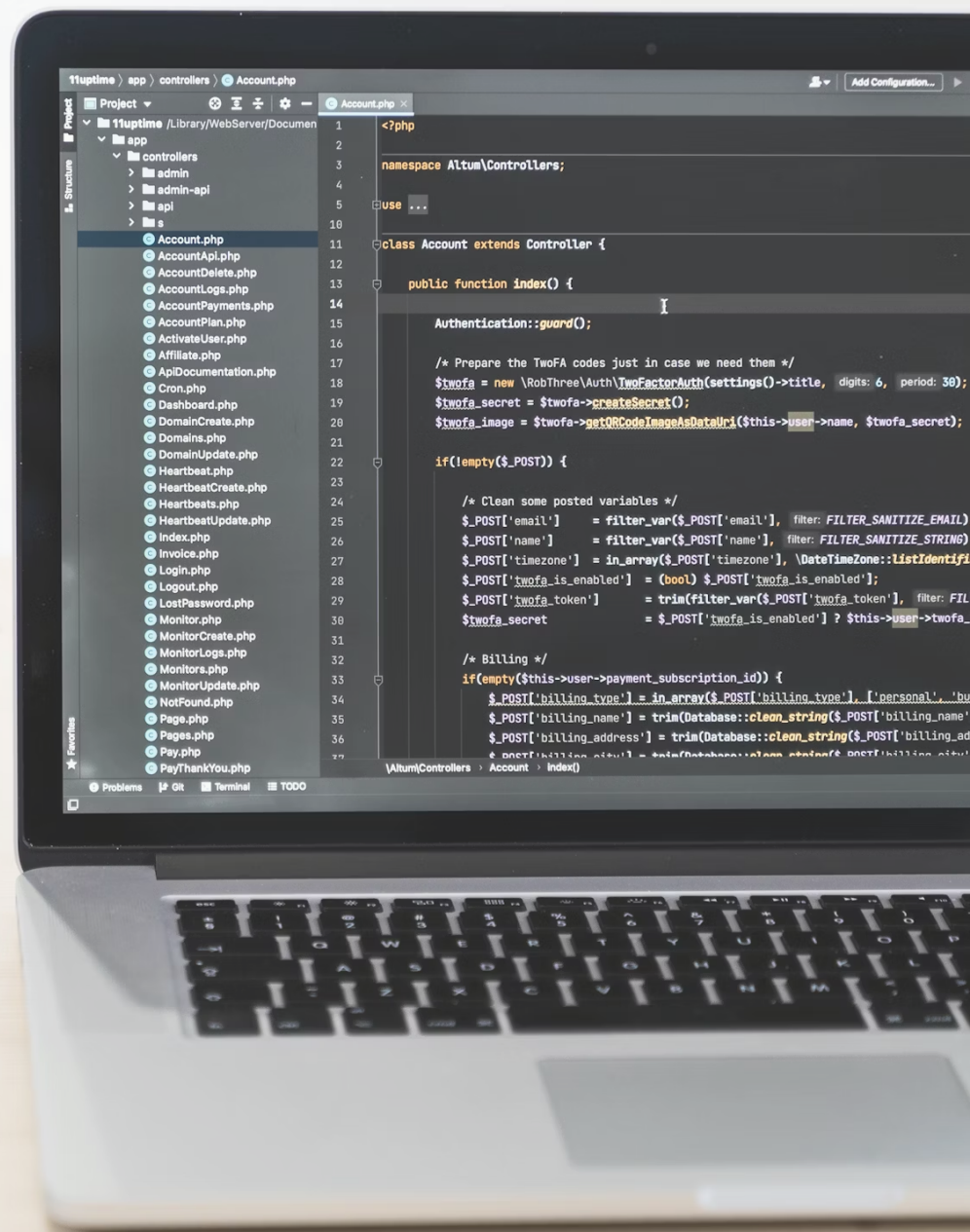
## 2. Importance:

## 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 ENGINEERING :

- we will see in colab

# Thank you



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