

ML-Builder

Welcome to ML-Builder, a user-friendly system that allows you to generate your own machine learning model without writing a single line of code. This project utilizes Flask for the backend, HTML, CSS, and Bootstrap 5 for the frontend. Here's a quick overview of the process:

Project Overview

1. Upload CSV File:

2. Navigate to the home page and upload your CSV file.

The system will display all columns of your dataset.

Choose Target Column:

Select the target column for which you want to predict.

Build Instant Model:

Click on "Build Instant Model" to generate a default machine learning model using the DecisionTree algorithm.

Customize Model:

9. If you want to build a customized model, go to the Customize section.
10. Choose the algorithm you want to train.

Customize data processing techniques (minmax scaler, standard scaler, one hot encoding, label encoding, etc.).

Get Results:

13. The web page will return the trained model and processed datasets.

Getting Started

1. Clone the repository:

```
bash git clone https://github.com/vijaytakbhate2002/ML-Builder.git
```

1. Install dependencies:

```
bash pip install -r requirements.txt
```

1. Run the application:

```
bash python app.py
```

1. Access the application in your browser at <http://localhost:5000>.

Contributing

We welcome contributions! Please read our [Contributing Guidelines](#) to get started.

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