

# Project: "User Data Management System"

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## Project Description:

Create a program where users can enter data (e.g., personal details like name, age, gender, and email) into a pandas DataFrame. Users can then perform various operations on the data such as adding, editing, deleting rows, or analyzing data.

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## Step-by-Step Implementation

### 1. Set Up the Environment

You'll need:

- Python
  - pandas library (`pip install pandas`)
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### 2. Features

- **Enter Data:** Let the user input multiple rows of data.
- **View Data:** Display the current DataFrame.
- **Modify Data:**
  - Add a new row.
  - Edit an existing row by index.
  - Delete a row by index.
- **Analyze Data:**
  - Filter by a condition (e.g., show users above a certain age).
  - Sort the data by a column (e.g., age).
- **Save Data:** Save the DataFrame to a CSV file.