User Persona - 1

👤 **Name:** Aarav Mehta

🗓️ **Age:** 25 years

💻 **Occupation:** Junior Data Scientist
- **Experience level:** 2 years in AI/ML
- **Tool Usage:** Python, Pandas, Scikit-learn, Streamlit

👍 Likes:
- Clean dashboard with code view
- Intuitive step-by-step preprocessing
- Exportable preprocessing scripts

👎 Dislikes:
- Black-box AI with no explanations
- Cluttered UI with unnecessary options
- Slow file upload interfaces

💡 Motivations:
- Wants tools that combine speed + clarity
- Loves automation but still wants control
- Values reproducibility in experiments

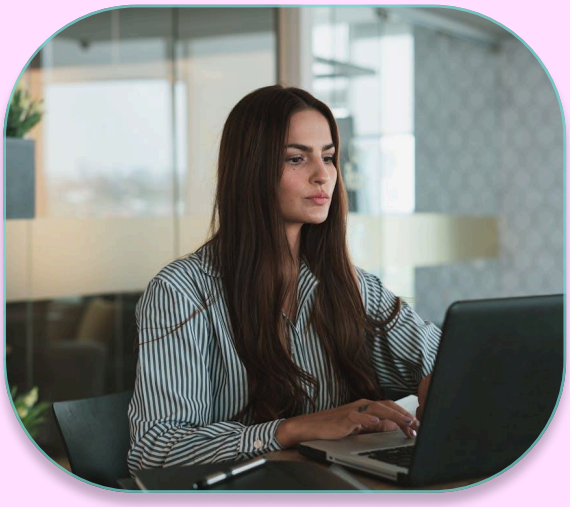
⚠️ Frustrations:
- Manual data cleaning wastes hours per project
- Struggles with inconsistent column formats
- Existing tools lack flexibility or transparency

🎯 Goals:
- Avoid repetitive preprocessing steps
- Save time in feature cleaning and encoding
- Focus more on model building

🧠 Behavior & Personality:
- Analytical, detail-oriented, mostly works in Jupyter Notebook
- Tech-savvy but prefers simplicity

🪶 **Quote:** “If preprocessing was as easy as clicking one button — I’d finally focus on building models, not cleaning messes.”

User Persona - 2



👤 **Name:** Priya Nair

📅 **Age:** 21 years

💻 **Occupation:** Final Year Engg Student

- **Experience level:** Beginner in AI/ML
- **Tool Usage:** Google Collab, Jupyter Notebook, Excel, Kaggle

👍 Likes:

- Simple, step-by-step interfaces
- Predefined pre-processing templates
- Tutorials, tools and tips inside the app

👎 Dislikes:

- Complex UIs with too many options
- Manual coding for repetitive tasks
- Having to install many libraries before starting

💡 Motivations:

- Wants to understand ML pre-processing intuitively
- Wants a tool that teaches while it automates
- Seeks confidence before submitting projects or reports

⚠️ Frustrations:

- Struggles with handling missing data and encoding
- Confused by multiple pre-processing techniques online
- Loses motivation due to time-consuming setup steps

🎯 Goals:

- Learn preprocessing the right way through automation
- Save time on data cleaning for project deadlines
- Gain confidence in data preparation for competitions

🧠 Behavior & Personality:

- Curious and eager to learn; Prefers visuals and examples over code
- Collaborative, often works in teams; Average tech-savvy, needs clear guidance

🪶 **Quote:** “If preprocessing could explain itself while it worked — I’d finally learn and save time at once.”