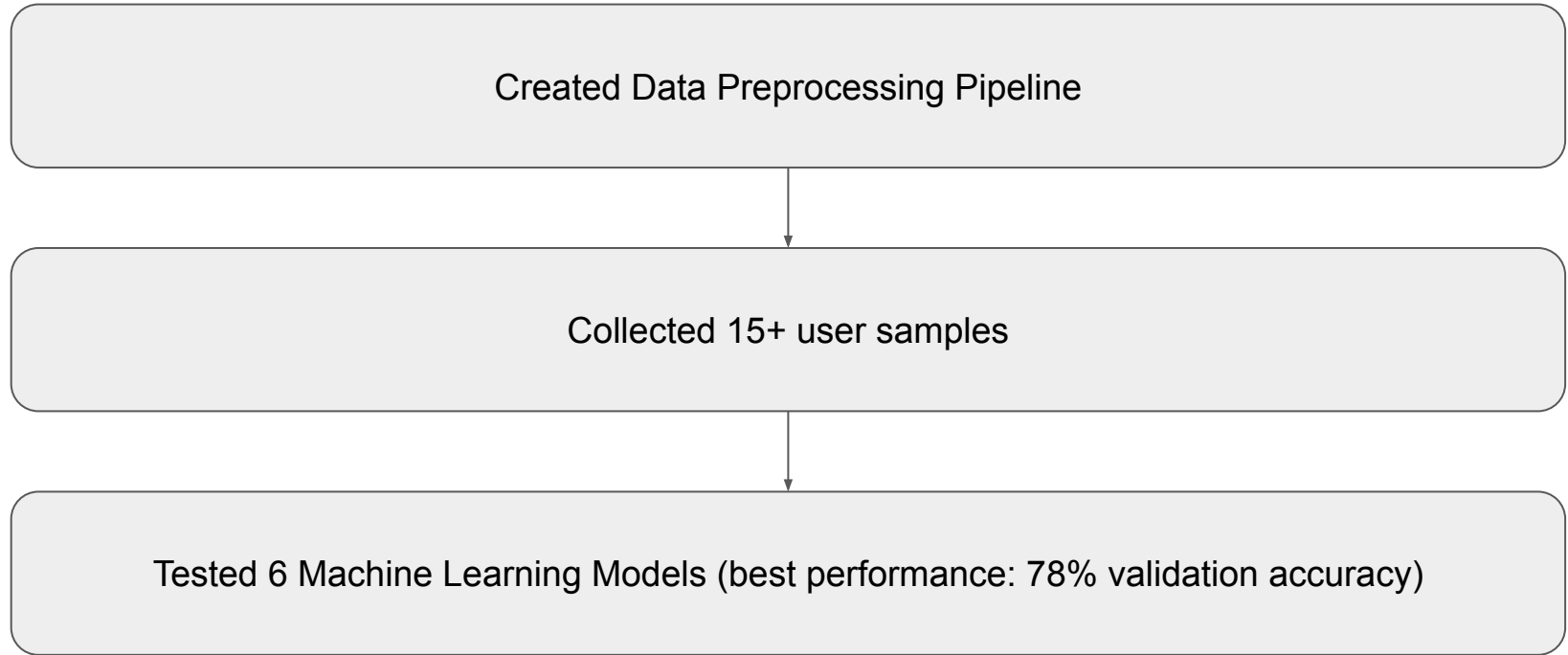


# Student: Sophia Cherkaoui (Team Romberg Test)



Website: [https://a2approm.github.io/Manik\\_Data\\_For\\_Romberg/](https://a2approm.github.io/Manik_Data_For_Romberg/)

# My T-Shaped Skills

*Horizontal label: BROAD: ability to work outside of core area*

*Vertical label: DEEP: functional area, discipline or specialty*

## **‘Deep’ Skills:**

- Object-Oriented Programming
- Machine Learning Fundamentals
- Data preprocessing and visualization

## **‘Broad’ Skills:**

- Version controlling using software like Git
- Creating clear documentation and requirements for non-technical readers
- Incrementally delivering portions of code for longer projects
- Reading about and using AI agents in development

nnnn.txt: /home/scher

# Next Steps/Research Paper

## Final Steps:

- (1) Push Best ML model code to web backend
- (2) Create a Summary of Model Results for Client
- (3) Clean up repository, write a project README

## Research Paper Topic: Supporting Early Career Development of Software Engineers

Explored AI use in undergraduate CS programs and human-agentic developer teams

Learned about techniques to use AI ethically and responsibly while avoiding degradation of skills/knowledge

### **Gen Z needs a knowledge base (and so do you)**

AI tool use is inescapable...especially if you're a young person trying to get an edge in an increasingly difficult job market. But cognitive offloading is dangerous, no matter what age you are. Building a knowledge base can save your brain and skills from atrophy.