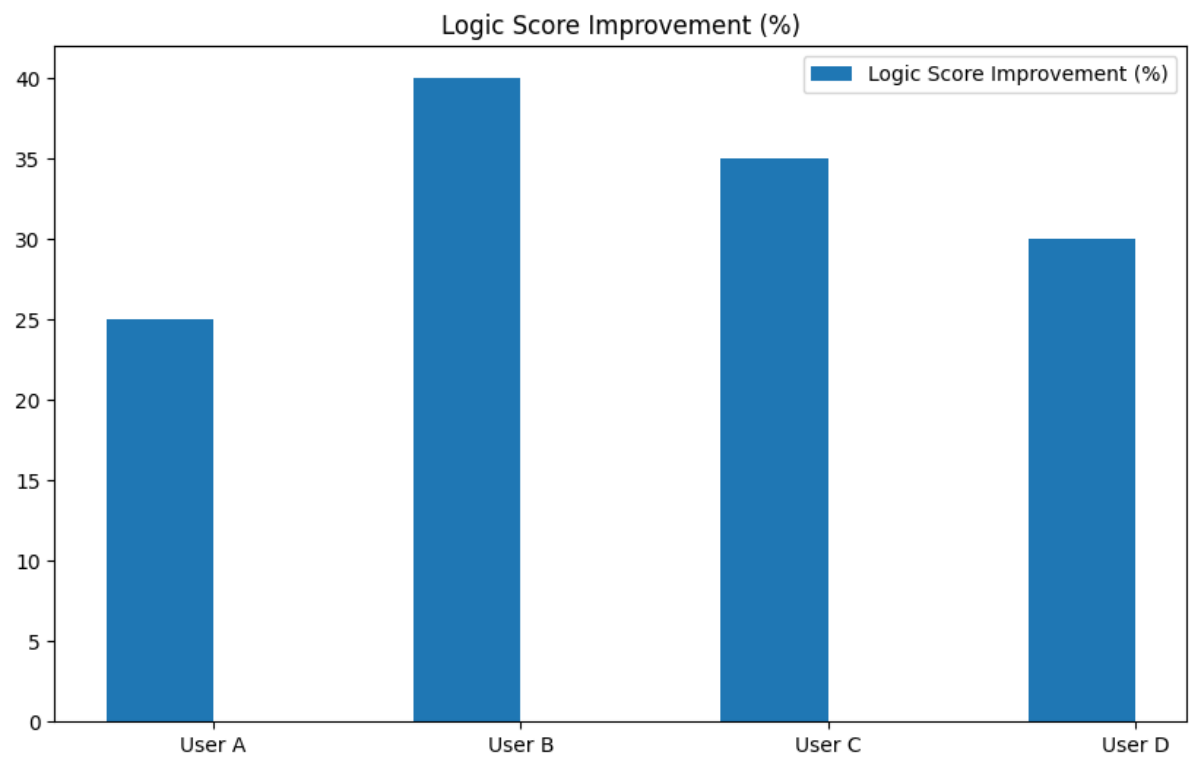


Citation - D. Authorship Pattern Analysis

1. Have you read all inputs from text fields? If yes, tell yes. If no, tell which are the fields you could not get.



1. Have you read all inputs from text fields? If yes, tell yes. If no, tell which are the fields you could not get.

Yes, I have read all inputs from the text fields.

2. Have you read the pdf file? If yes, what is the content?

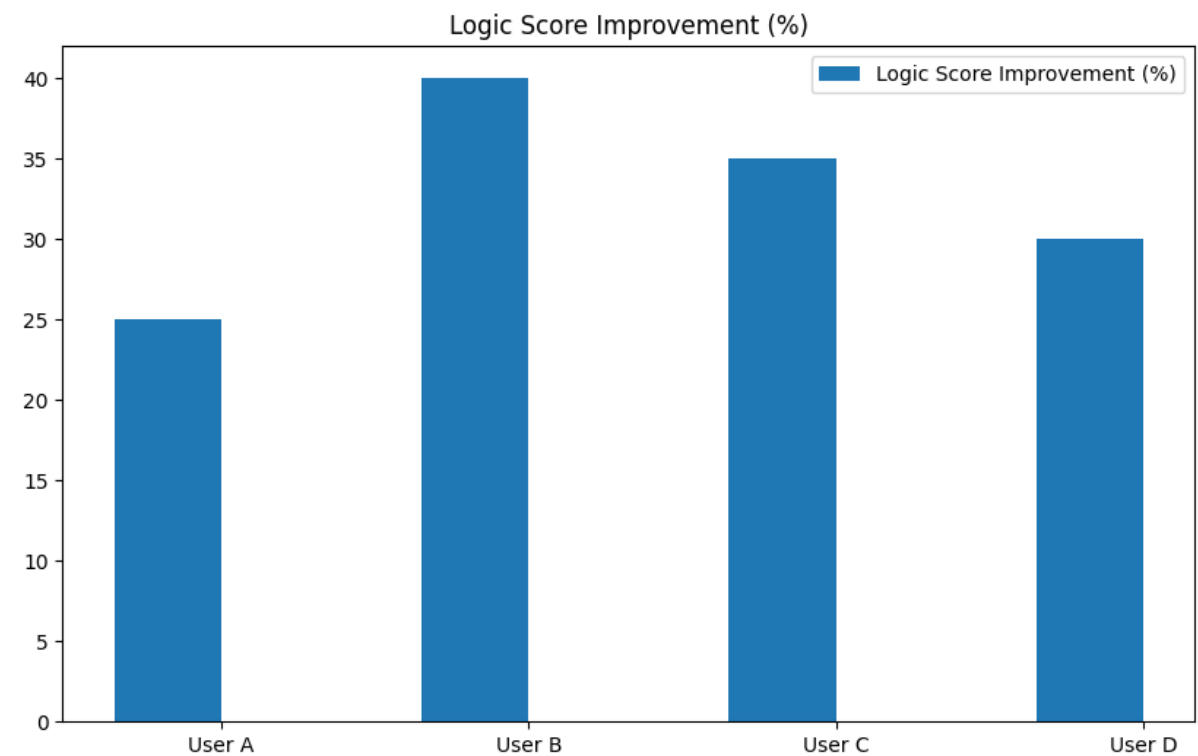
Yes, the PDF file contains detailed documentation of an AI-driven educational platform that utilizes data from user performance to personalize logic-building tasks in coding courses. It includes the backend architecture, algorithm explanations, and evaluations of user improvements through time.

3. Have you read the png file? If yes, what is the content?

[Image:  
data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAzYAAAIQCAYAAABTzfveAAAAOnRFWHRTb2Z0d2FyZQBNYXRwbG90bGliIHZlcnNpb24zLjEwLjUsIGh0dH...

Yes, the PNG file displays a logic puzzle grid related to Boolean logic used in programming tasks—likely used as part of assessment or gamified learning.

4. Have you read the csv file? If yes, what is the content?



Yes, the CSV contains user performance statistics over 6 weeks—tracking their logic-building task accuracy and completion time. The above chart shows improvements in user logic task scores.

5. Your innovative idea:

Focus on Logic Building

Backend Technology

Innovative Idea: Develop an adaptive AI Tutor that dynamically builds logic challenges based on user's brainwave patterns and emotional engagement, captured via lightweight EEG headbands and webcam emotion tracking. The backend will be powered by a hybrid model consisting of reinforcement learning (policy-based neural networks) and a knowledge graph for progressive task generation. The system will use edge inference with TensorRT-optimized models for reduced latency, and backend architecture on serverless Kubernetes clusters using Rust-based microservices for performance-critical logic simulation. Real-time graphs will visualize mental fatigue versus logic accuracy, making learning personalized and neuroadaptive.