

Outline

- Challenges in EdTech
- Motivation
- Solution Proposal
- Developed Solution
- The Future



Current Challenges

Limited Personalization

- Cannot effectively address the unique learning styles and pace of the individual students
- People lag despite having the potential.

Engagement, Motivation and Resource Limitation

- Staying engaged due to a lack of interactive and immersive learning experiences
- □ Providing adequate resources and support for every student given the current pace of AI advancement





Traditional one-size-fits-all approaches often fail to meet the diverse learning needs of students.



Leveraging AI to personalize and enhance the learning experience.



Tailored content, pace, and assessment to the individual learners, maximizing their potential.

Motivation



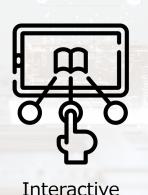
Proposed Solution: AI based Adaptive Learning Platform

Our proposed solution harnesses the power of AI/ML to personalize education.



Learning Path



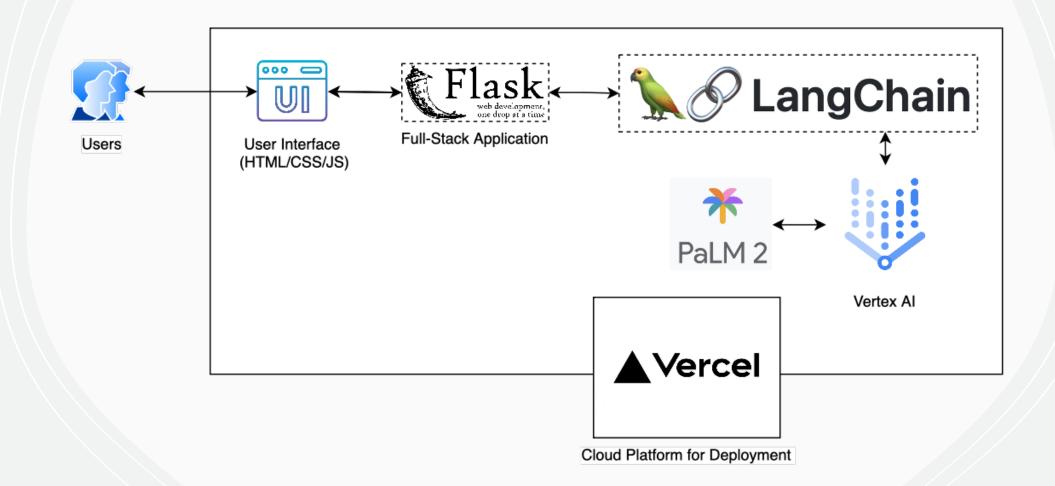


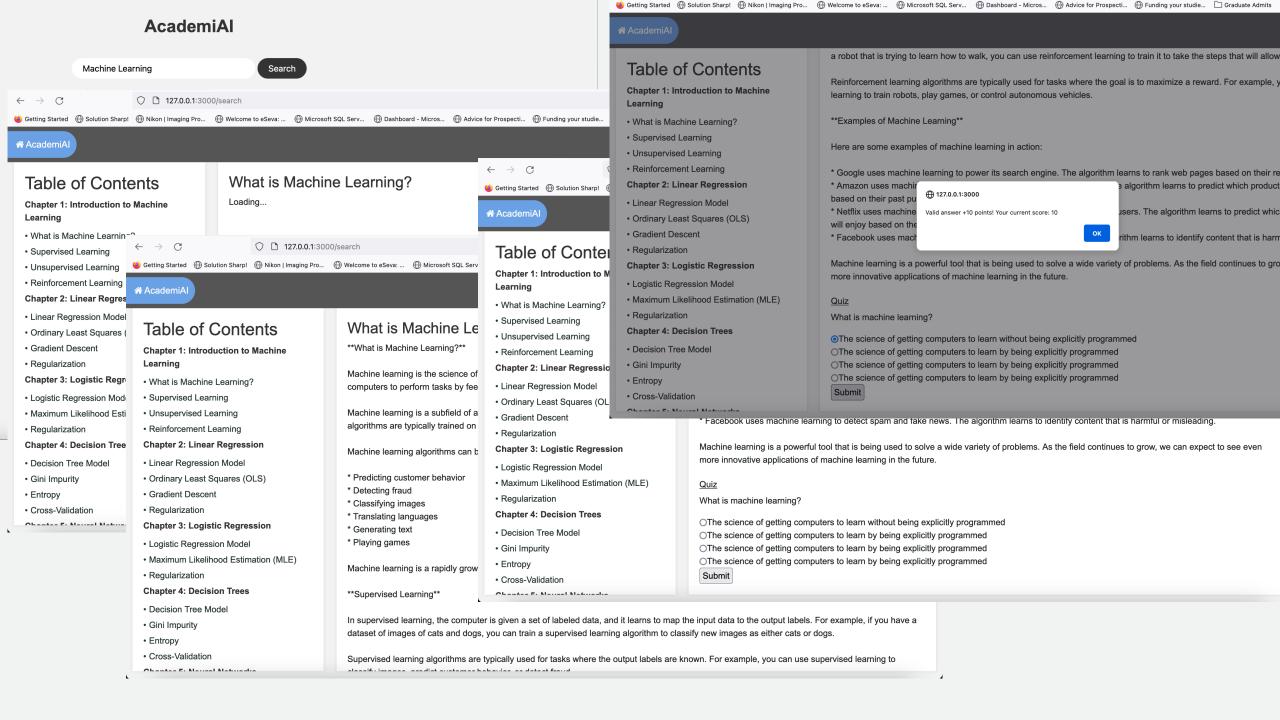
Experiences

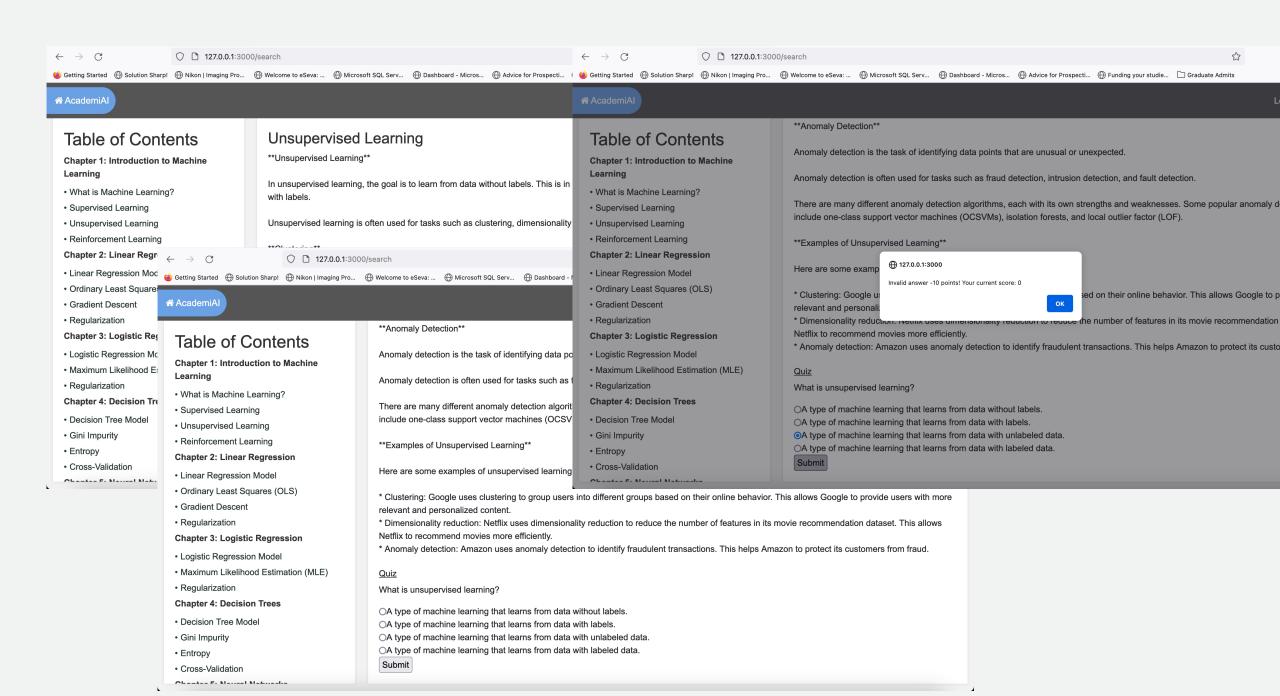


Adaptive Content

Solution Architecture







Benefits of Solution

- Improved learning outcomes
- Increased accessibility
- Enhanced engagement
- Centralized Learning Experience
- High-Level multi-lingual summarization of Collection of Books pertaining to domain.



- Federated Learning to cater individuals.
- Video (Sign Language) or Voice
 Assisted teaching for accessibility
 learners.
- Interactive Q&A with Video Avatars
- Oral / Body-Language assessment for soft-skill related assessments.
- Digital Avatar based mockinterviews.





Thank you!

AcademiAl: The future of learning is here

