

## **Problem Statement**

Most existing e-learning platforms follow a fixed learning structure and provide the same content to all students.

They do not consider individual learning speed, understanding level, or performance.

Because of this, students either feel the content is too difficult or too easy, which leads to low engagement, poor knowledge retention, and ineffective learning outcomes.

There is a need for a smart e-learning system that can adapt learning content based on each student's performance and provide a more personalized learning experience.