



Case study:

AI-Powered Corporate Tutor for an Architectural Institute

Client Background

Our client is a prestigious architectural institute in India, known for delivering cutting-edge training programs to professionals and students across the globe. With a reputation for excellence, the institute continually updates its curriculum to reflect industry advancements. However, as the learner base grew in size and diversity, providing personalized training experiences to each participant became increasingly challenging.

NEED OF THE CLIENT



The institute wanted to modernize its training delivery by making learning more tailored, accessible, and engaging for each learner. Specifically, they needed:

- **Personalized learning paths** based on role, career aspirations, and existing skill gaps.
- **A 24/7 intelligent chat mentor** capable of answering domain-specific queries in real time.
- **Continuous performance analysis** to recommend relevant upskilling opportunities.
- **Gamified assessments** to increase learner engagement and measure knowledge retention.
- A scalable solution that could serve hundreds of learners simultaneously without burdening faculty resources.

BEFORE AUTOMATION



Before adopting the AI-powered solution, the institute relied on a traditional classroom-plus-eLearning model:

- Learning materials and modules were **static and uniform**, not tailored to individual needs.
- Learners often had to **wait for scheduled sessions** or faculty availability for query resolution.
- Progress tracking was **manual and periodic**, limiting timely intervention for struggling learners.
- Engagement levels dropped over time due to a **lack of interactive or gamified elements**.
- Faculty members spent significant time on repetitive doubt resolution and basic guidance rather than focusing on higher-value mentorship.

AFTER AUTOMATION



With the AI-powered corporate tutor in place, the learning experience transformed:

- Role- and goal-specific learning paths were automatically generated for each learner based on their background, objectives, and assessed skill gaps.
- A 24/7 AI chatbot tutor provided instant answers to technical queries, project guidance, and resource suggestions.
- Performance analytics continuously monitored learner progress, recommending relevant micro-courses, industry case studies, or workshops.
- Gamified quizzes and challenges increased participation rates and made learning more interactive.
- Faculty workload reduced significantly, allowing them to focus on advanced discussions and mentoring high-potential learners.
- Learners reported higher satisfaction and faster skill acquisition, with measurable improvements in assessment scores and course completion rates.