

Research Assistant - AI/ML

Reports to: Senior Research Assistant (AI/ML)

Duration: 1 Year (extendable)

Vacancy: 2

Pay: Rs. 50,000 to 75,000 per month

Role Summary:

Research Assistants in the AI/ML track will support the development of the evaluation framework, scoring systems, and simulation engine under the guidance of the Senior RA. They will handle data collection, preprocessing, model experimentation, and integration tasks.

Key Responsibilities:

- Collect, clean, and preprocess data from EdTech platform APIs, usage logs, and survey instruments.
- Implement and test scoring rubric algorithms and weighted aggregation methods.
- Assist in building and evaluating components of the agent-based simulation engine.
- Run experiments, benchmark models, and document results systematically.
- Develop data pipelines for ingesting evidence from multiple sources.
- Collaborate with the software team to expose scoring and simulation outputs via APIs.
- Assist in literature reviews on AI-based evaluation methods and agent-based modeling.

Qualifications:

- B.Tech/BE or M.Tech/MS (ongoing or completed) in Computer Science, AI/ML, Data Science, or a related field.
- Proficiency in Python; familiarity with ML libraries (scikit-learn, pandas, NumPy) and at least one deep learning framework (PyTorch, TensorFlow).
- Basic understanding of NLP, data analysis, and API development.
- Strong analytical and problem-solving skills.
- Ability to work collaboratively in a fast-paced, interdisciplinary research environment.