

Problem Statement 1 : Instant parser for different types of blood reports in India

Design and enforce an AI-driven parser that can accurately interpret results from various blood reports.

Objectives:

1. Quick extraction of essential parameters from the blood reports.
2. An EHR (Electronic Health Report) as the output.
3. Orientation towards Indian diagnosing laboratories.

References:

1. <https://parseur.com/extract-data/medical-report>
2. <https://docparser.com/blog/ai-data-extraction/>

Problem Statement 2: AI math tutor for secondary/high school level students

Outline and implement an AI-based tutor that teaches high-school mathematics.

Objectives:

1. Specific curation for every student's learning behaviour.
2. Addition of interactive elements.
3. Immediate feedback response mechanism.

References:

1. <https://julius.ai/home/ai-math/>
2. <https://tutorai.me/>

Problem Statement 3: Automated consumer disputes resolutions for B2C companies

Create a customer support service, for B2C companies, using AI to resolve consumer disputes satisfactorily.

Objectives:

1. Development of a Real-Time communication interface.
2. Specific focus on the tone of communication.
3. Integrity and security of the consumer's data.

References:

1. <https://aisera.com/products/ai-customer-service/>
2. <https://www.zoho.com/desk/ai-in-customer-service.html>

Problem Statement 4: AI-powered next-generation automation of concierge services

Propose and develop an AI-based setup which can replace traditional hotel concierges.

Objectives:

1. Virtual reservations and cancellations.
2. Real-Time Integration with the PMS (Property Management System).

References:

1. <https://www.siteminder.com/r/artificial-intelligence-ai-hospitality-industry/>
2. <https://www.josh.ai/>

OPEN TRACK : Additional to these problem statements there is a OPEN TRACK also, participants can come up with their own ideas and solutions. Problem statement should be related to AI/ML and should be novel.