Mutual Fund Text Extraction Project:

I am working on a Mutual Fund Text Extraction Project focused on extracting key information from PDF statements, including Folio Number, ISIN, NAV, and amounts. The project uses Python (Pandas, PaddleOCR, PyPDF2), Excel, and Regular Expressions to parse tables, paragraphs, and headers. Having never worked on text extraction before, it was a key challenge for me, but I overcame this by integrating PaddleOCR for scanned PDFs, significantly improving accuracy. This solution reduced manual effort, enhanced efficiency.

2. what was about your unique qualities, skills, knowledge or strength that made it possible achieve this result?

In the Mutual Fund Text Extraction Project, my attention to detail helped identify and accurately extract complex data from varied PDF formats. My problem-solving skills enabled me to combine OCR with regex and PDF parsing to handle challenges like missing or inconsistent data. My proficiency in Python and libraries like Pandas and Paddle-OCR allowed for efficient automation and structuring of extracted data. These qualities ensured high accuracy and efficiency in the process.

3.

Problem-Solving Ability: I excel at identifying issues and developing innovative solutions, particularly in complex data extraction and automation projects.

Attention to Detail: I ensure accuracy and precision, especially when working with intricate data structures or diverse file formats.

Technical Proficiency: My expertise in Python, data analysis, and tools like OCR allows me to efficiently handle and process large datasets with ease.

4.

I am familiar with LLMs and their general applications but am still learning how to integrate them effectively into projects and build solutions using them. Additionally, while experienced in text extraction, I continue to refine techniques for handling unstructured or noisy data to improve accuracy and efficiency. I also want to learn how to build bots using Automation Anywhere for enhancing automation capabilities.

5.

I currently seek guidance from Nikul Sir, whose expertise helps me overcome critical challenges and avoid overthinking. His support is invaluable in improving my skills and addressing areas where I feel less confident. Apart from this I need everyone helps or guidance to address my issues and how to resolve it.

6.

Enroll in courses on LLMs, generative AI, and AWS certifications to build foundational knowledge and skills. Deploy AI models and manage cloud resources to gain practical experience with advanced technologies.

7.

* Attend the induction program to get a comprehensive overview of the organization.
* Participate in employee interaction programs to gain insights into different departments and foster collaboration.
* Read organizational magazines or newsletters to understand how others view the organization and stay updated on internal developments.

8.

Mentorship and Career Planning, Opportunities for Professional Development,Regular Feedback and Clear Objectives

9.

Senior Data Scientist or Data Analyst:, Experienced RPA Developer or Automation Specialist: