deriv <AI>
Hackathon

AI Solution for User Authentication

Team 33

Starts
8am, 9 Nov

Ends
6pm, 10 Nov

Deriv HQ,
Cyberjaya

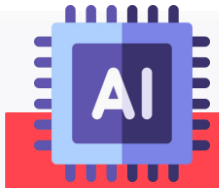
To improve the operational efficiency in document verification

1. MANUAL VERIFICATION

- Time consuming and labor intensive, requiring manual checks for POI and POA documents
- High risk of human errors, inconsistencies, and delays in processing large volumes

2. FRAUD DETECTION

- Increased difficulty in detecting forged documents
- Manual verification is insufficient for identifying subtle fraud indicators
- Altered text
- Fake QR codes
- Forged handwritings



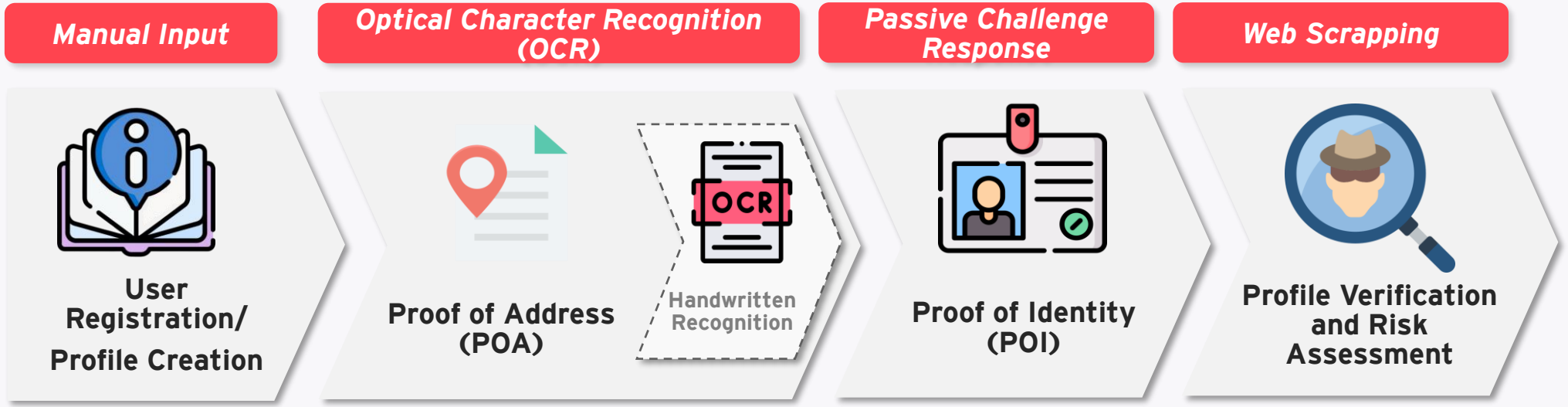
3. AI GENERATED IDENTITY

- Selfies submitted for identity verification may be AI-generated or manipulated, which could evade traditional checks

4. RESTRICTED ACCESS

- Struggle with limited access to comprehensive databases that contain criminal records or social media data

Inscribe's 2023 fraud report states that the human eye can detect less than 10% of document fraud[1]



[1]Source: Inscribe. (2023). Document fraud report 2023: Must-know trends for teams who fight fraud.