
Extract Personal Information from Green Card

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Unlocking Information

- Identity Verification and KYC
- Customized Financial Solutions
- Fraud Detection and Prevention
- Analyzing Customer Behavior
- Data-Driven Insights
- Risk Assessment and Credit Scoring



Unlocking Information

Why not humans

- Speed & Efficiency
- Error Prone
- Security concerns



Why not rules

- Constant Changes
- Data Variability
- Contextual Understanding



1. Design Approach

→ Research

Existing methods, know-hows , general overview

→ Navigating the dataset

Identifying patterns, challenges in working with the data

→ Formulating final approach

Implementation, doc prep , debugging



2. Implementation

→ [Extraction of Info from Green Card](#)



2. Sample result



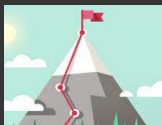
```
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Results for S8_Front_Old.jpg:
Detected Class: dob, Detected Text: 1 JAN 1920, Confidence: 0.63
Detected Class: first_name, Detected Text: TEST V, Confidence: 0.73
Detected Class: last_name, Detected Text: SPECIMEN, Confidence: 0.68
-----
```

Behind the Process

- Process design
- Limited data
- Incompatibility with latest versions



- Designing sub processes
- Image annotation, detection
- Current equivalent



- More is not always best!
- Analyze, analyze , analyze & repeat
- Research well & knowing when to stop





Thank You !!