



Unlock power of data through
**Intelligent Document
Processing**



Founded in 2021, DataNnoviteSol sets out itself to be a reliable technology partner for its Clients by delivering quantifiable business values.

Our mission is to drive solutions for Clients through a platform for digitization and digitalization (i.e deriving business insights from digitized information). It is envisioned by blending Human and Machine Intelligence through ready to use Artificial Intelligence(AI) & Machine Learning(ML) applications.

dataRobo is our intelligent document processing platform. It is a generic platform for conversion of documents to actionable digital content. It is efficient, cost effective.

Apart from dataRobo platform, we also develop specific solutions for Clients as AI/ML Consultants for process automations.

Team

We have a team with collective experiences of over 75 years with with experiences in Project Management and Process Automation in Engineering, IT, Financial Sectors Team includes experienced professionals with accomplishments in leading AI/ML Projects from ideation-to-product-development with specialisation in document image processing for local and global Clients.





Digitization/Digitalizations Platform (dataRobo):



Document OCR: (Optical Character Recognition)-Input is any scanned documents/ images and output is ready-to-use editable text



Data Extraction: It takes input from Document OCR and extracts required data from the text based on business requirements. It returns data in structured formats like csv, xlsx, json (Example: Invoice No, Date, Bill From, Bill To, Invoice Item Details, Invoice Amount from Invoices)



Document Translation: It takes scanned documents/ images as input, converts it to text and finally translate it to desired language

Project Consultancy



Pilot Project & Evaluation: Services include executing prototype/ proof of concepts (POC) to evaluate feasibility of solution and its benefit.



Project Design, Development & Deployment: Design, development and deployment based on POC. Our offerings include training in-house teams.



Project Consultancy: We are working with a reputed Client in PropTech industry for more than one year. We have been entrusted in developing AI/ML applications for the Client including price trending, valuation and recommendation system.



dataRobo Platform: It is launched in June 2022. We are in various stages of discussion with different Clients.



Intelligent Document Processing Platform(dataRobo)

DIGITIZATION



Image Acquisition:

Pre-processing of incoming documents
Image enhancements



Recognize:

OCR - Zonal and Full page using
document layout analysis



EXTRACTION



Train

Annotate required data in input image to generate model
Ready to use pre-trained models for specific documents



Extraction

Extract data using Pre-trained model
from input images



READY-TO-USE DATA



Validation

Address validation
Rule based data validation



Verification

Human in loop for final verification
Easy to use GUI for final check manually



labelled data

Accurate labelled data in different format like xls,
json for integration with downstream applications



Transate to other languages

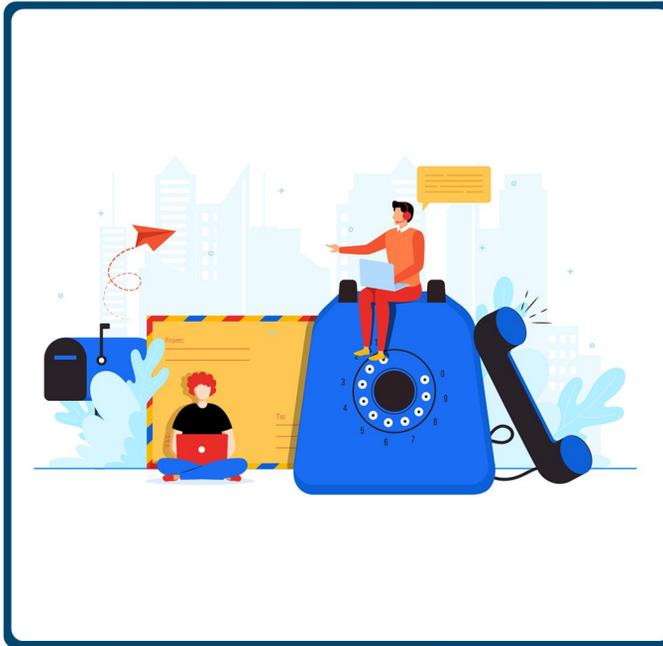
Digitization: Image Acquisition->Conversion to Text(Recognition)

Training: Annotation-> Create Model

	0	1	2	3
1	Firm_1	Invoice No.	Invoice No 4552	0.939836
2	Firm_2	Invoice Date	Invoice Date 05-Mar-2020	0.9968905
3	Firm_3	Company Name	GUJARAT FREIGHT	0.99596
4	Firm_4	Company Address	64, Akshay Industrial Estate Near New Cloath M	0.99574
5	Firm_5	Company GST	GSTIN 24HDE487REERT4	0.99996
6	Firm_6	Customer Name	M/s Philip Morgan LTD	0.99563
7	Firm_7	Customer Address	Address 24, Henry Street, Co. Kerry, Spire, Kerry	0.91114
8	Firm_8	Customer GST		0.0
9	TR_0_cta	Item Description	Automatic Saw	HSN Code
10	Row_0		6202	
11	Row_1		60mm	
12	Row_2		400W	
13	Row_3	2	Electric Drill Machine	84304120
14	Row_4		70mm	
15	Row_5		300W	
16	Row_6		Total	
17	Firm_9	Total Invoice Amount	Total in words THIRTY-EIGHT EURO ONLY Total	0.918001

Ready-To-Use Data: Extraction->Validation->Verification

Contact Information



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