



AI POWERED BUSINESS SOLUTIONS



AI Powered Bussiness Solutions

RESUME RECOGNITION

OPTICAL CHARACTER RECOGNITION FOR RECEIPTS AND DATA EXTRACTION

PROPERTY PRICE ANALYSIS


SALES ANALYSIS

Optical Character Recognition for Receipts and Data Extraction

With Optical Character Recognition and Text mining using Conventional Neural Network and Recurrent Neural Network



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Candidate	Total	Exp	DOB	Age	Experience	Language	Current	Contact	W	Email	Addr	Gender	Skills									
2	all	all	all	all	0	Fresher	Wilson	6.10E+09			male			development, training, web applications, management, organization, networks, software									
3	all	all	all	all	0	Fresher	Boston	5.09E+09	ANCHER	all	male			security									
4	all	all	all	all	19.2	Experienced	Thousand	1.30E+09			female			development, training, management, networking, database, leadership, design, TAO, Design, LLC - Houston, TX									
5	all	all	all	all	14	Experienced	7.70E+09	all	all	all	male			development, training, management, communication, presentation, leadership, product management, public goods, development, product, project man									
6	all	all	all	all	12	Experienced	Piano	4.7E+09	angle	all	female			development, training, management, excel, microsoft, reporting, excel, presentation, leadership, product, training, building team, organization, microsoft									
7	all	all	all	all	12.5	Experienced	San Diego	6.2E+09	all	all	female			training, management, excel, access, microsoft, presentation, typing, word, microsoft, presentation, networking, excel, microsoft, Word, Excel, I									
8	all	all	all	all	11	Experienced	Seattle	7.07E+09	ny	all	female			development, management, solutions, hardware, virtualization, security, software									
9																							
10																							
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Optical Character Recognition for Receipts and Data Extraction

Select Receipts

No file chosen

Download Sample Receipt [Click Here](#)



Optical Character Recognition for Receipts and Data Extraction



RUN INTELLIGENT OCR

This is a list of the files you just uploaded, click on them to load/View them

- [20180131_155859.jpg](#)
- [20180131_155927.jpg](#)
- [20180131_160014.jpg](#)

Optical Character Recognition for Receipts and Data Extraction



RUN INTELLIGENT OCR



Processing...

This is a list of the files you just uploaded, click on them to load/View them

- [20180131_155859.jpg](#)
- [20180131_155927.jpg](#)
- [20180131_160014.jpg](#)



Optical Character Recognition for Receipts and Data Extraction

	file	total_charge	amount_include_vat	amount_exclude_vat	vat_charge	card_type	receipt_num	trans_num	transaction_status	tid	company_num	billing_date	card_num	exp_date
0	20180131_155859	5.90	5.90	4.92	0.98	master card	01103.000430bi.l		confirmed	103	2309787	2018-01-24		
1	20180131_155927	5.25	5.25	4.38	0.87		00024340							
2	20180131_160014	3.95	3.95	3.90	0.05	mastercard	28410	377049574779				2018-01-10		10/19

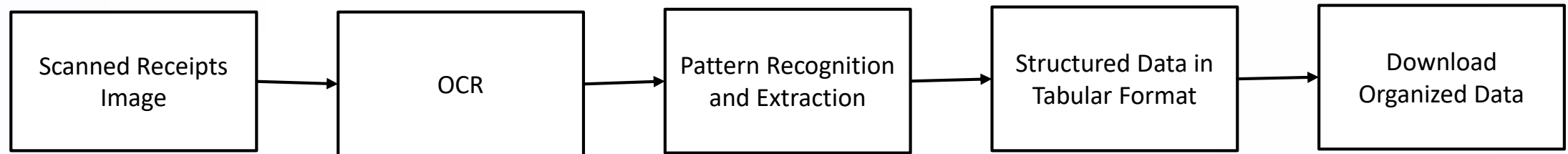


DOWNLOAD OUTPUT

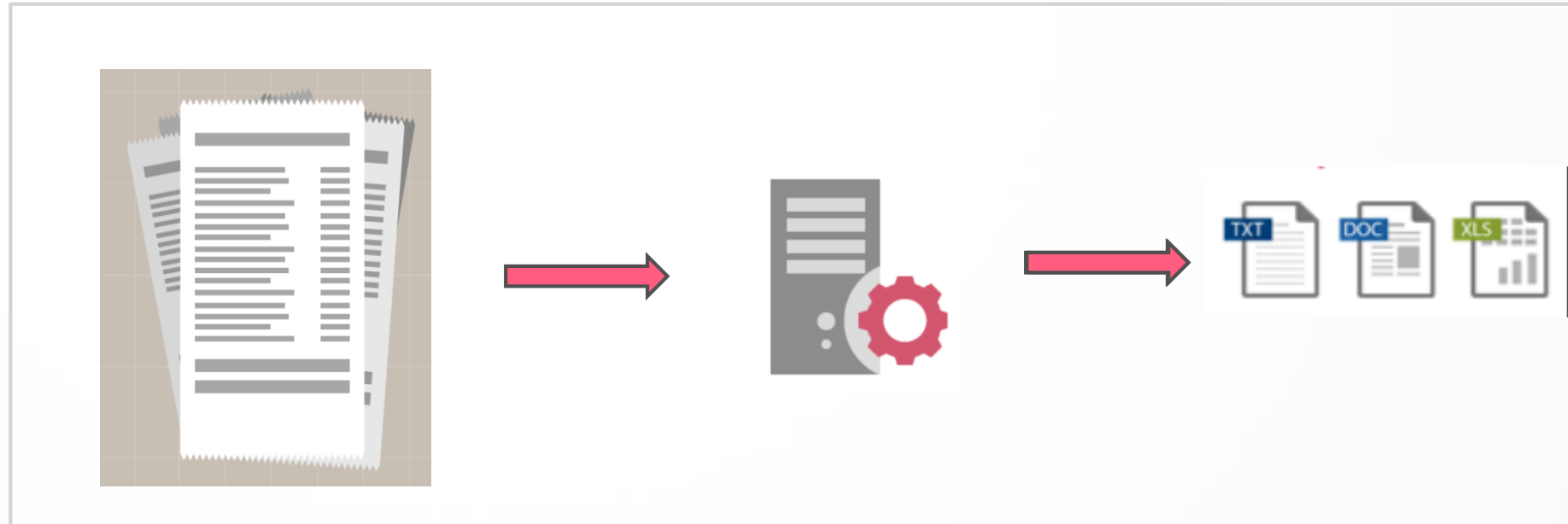
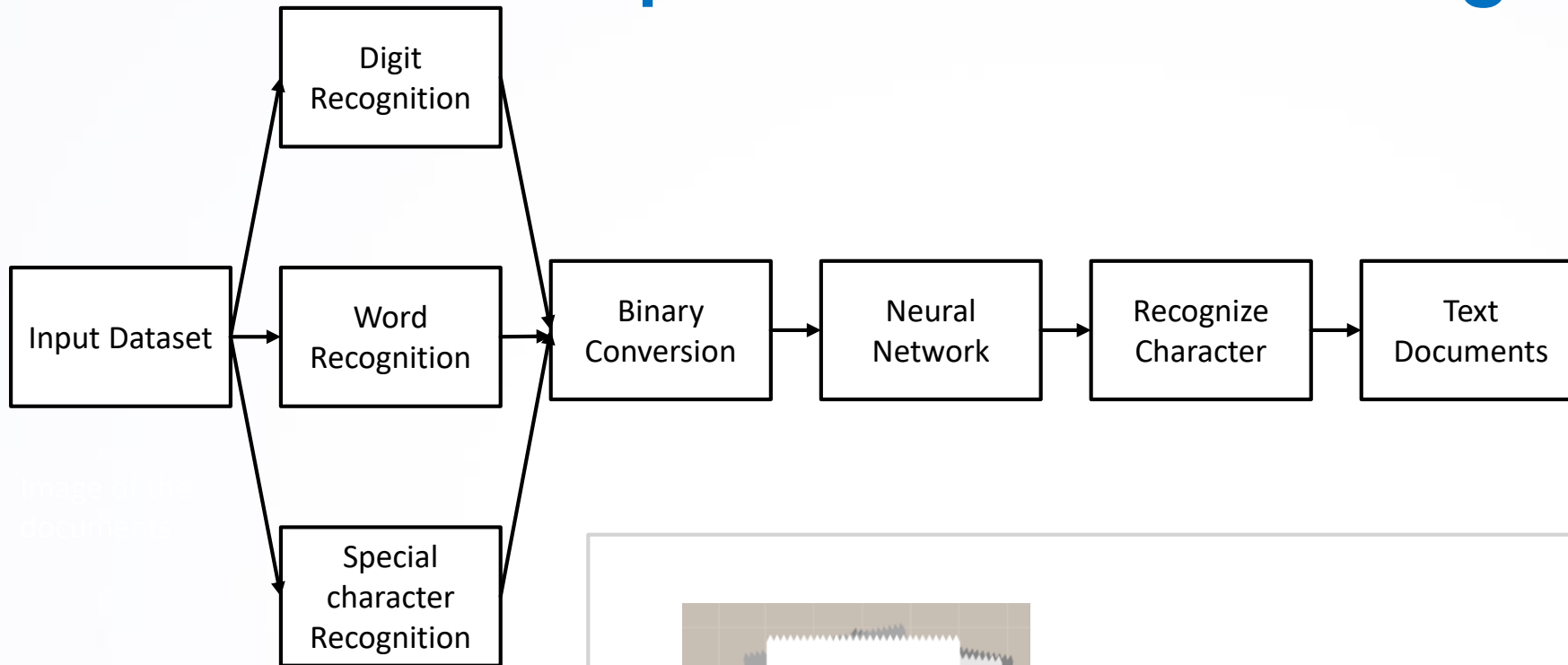


HOME

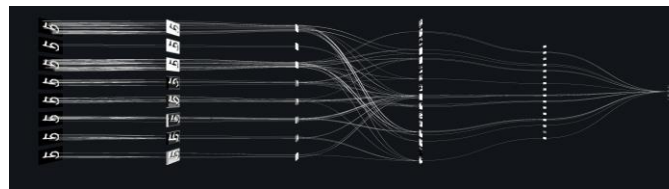
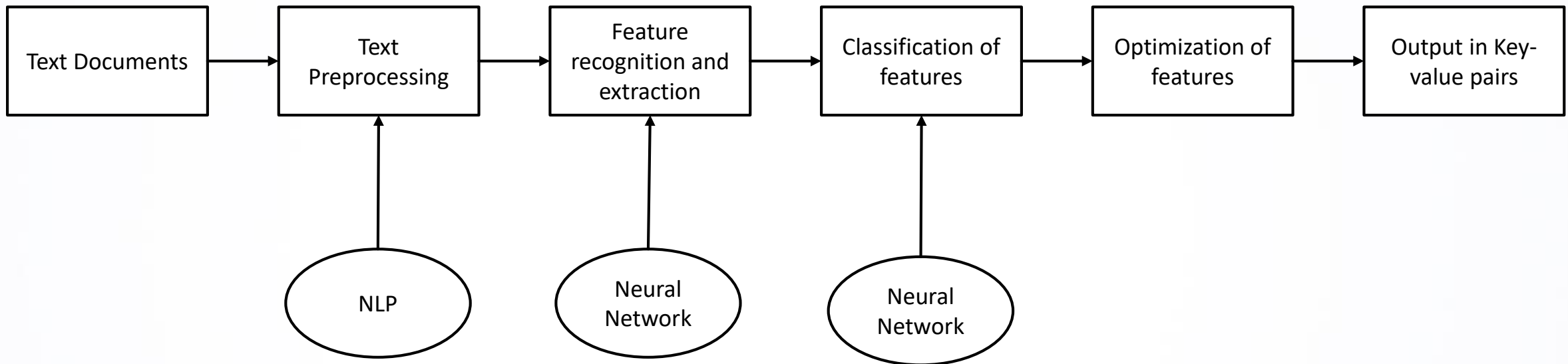
Model Architecture



Optical Character Recognition



Pattern Recognition and Extraction



Input Sample

MIDLAND EXPRESSWAY LIMITED
Operations Centre, Express Way, Weeford, Lichfield WS14 0PQ
Phone: 0330 660 0790 Web Site: www.m6toll.co.uk
Company No. 2309767 VAT No GB-778-5336-80

Receipt

Veh. Class:	2	Amount exc. VAT	£4.92
Tariff:	WEEKDAY	VAT (20.00%)	£0.98
		Amount inc. VAT	£5.90

Payment(s): Card MASTER CARD £5.90
No XXXXXXXXXXXX9472
Expiry date : 10/19
Start Val. : /
Card swiped, transaction confirmed
Your account will be debited by
this amount. Please keep this copy

Total Paid: £5.90

Great Wyrley 24/01/2018 15:01
TID/Lane: 103 Trans. No: 01.103.0011224051
Operator: 3350 Receipt No: 01.103.0004206199

Welcome Break Group Ltd.
Startups South, Keele
Tel No: 01782 626 221
GB 685 417211

Adam

CUSTOMER GOODS RECEIPT

Qty Name	Price	Total
1 TA LATTIE GRANDE	3.30	£3.30
semi sk limited	+++	+++
espresso	+++	+++
-1 2SP OFF CAP DISCOUN	0.25	£0.25
2 CROIS BUTTER	1.75	£3.50

Total To Pay 6.55

VAT ANALYSIS

VAT 20%	£	0.51
Zero Rated	£	0.00
Net	£	6.04

PAYMENT SUMMARY

Received	£	6.55
Card Name: Auto Duality		

CARDHOLDER COPY

Ms Motorway Jct 15/16 ST5 SHG

09/01/18 08:01:24
08:01:24
XXXX6193
XXXX1870
28119
360056224430
CONTACTLESS
MASTERCARD
XXXXXXXXXX9472
040350
A0000000041010
00

Purchase 6.55GBP
6.55GBP

TOTAL Cardholder Not Verified
Verification Your account will be debited with the
above amount.
Please retain for your records
Thank you

Invoice 22244 #ORIGINAL
Pos:56 By: 1196 09/01/2018 08:02
You Have Been Served By: Ross

On Twitter & Instagram @welcombreak
On Facebook @welcombreakservices
On the web www.welcombreak.co.uk

OCR Output

```
20180131_155859 - Notepad
File Edit Format View Help
MIDLAND EXPREF5WAY 1.1MI1t:';u
Upe'atlons CBHT'e Express Hay Wthffltd 1111f1e11 0014 023
Phone: 0330 600 0700 Heb Si ite: www n10t01100 Uk
Company N0. 2300707 VAT N0 00 770 14E 7E E

Receipt
Veh. Class: 2 Anwuut (<1 VAT £4.33
Tariff: HEEKDQY VAT £ 0 0031 £0.98
Am0011t Inc. VAT £5.90
Payment(s1: Card MASTER CARD £5.90
' N0 XXXXXXXXXXXX947?
Expiry date : 10/13
Start Val. : /
Card swiped. transautiun conflrmed
Your account will be debited by
this amount. Please keep this copy
Total Paid: £5.90
Great Hyrley 24/01/2018 15 01
TID/Lane: 103 Trans. N0: 01.1L3 001334051

Operator: 3350 Receipt N0: 01.103.000430b1.0
```

Atul Gholap_Java Developer.txt

```
20180131_160844 - Notepad
File Edit Format View Help
*1 25L OFF LUP 015r00N 0'20 00.20
2 CR013 BUTILR 1.75 03,50
Total To Pay 2 0.05
*-4 ~ H - - VA} ANALYSIS .
yAT 20% m 0.51
Zero R0190 m 0.00
E

Net b . 04
~'-'* . PAYMENT SUMMARV
Received a 6.55

Card Name: Auto Dudliiy

CARDHOLUER COPY
Welcome Break
M6 Motorway Jct 15/16 SIB 5H0

Date 09/01f18
Time 08:01:24
Herohani Identifier xxrxfilea
Terminal ID xxrr1070
Receipt _' _> 28119
Transaction number 360000224430
Card data source CONTACTLESS
Card scheme MAS1EROABD
Card number KIKIIWW*****94/2
Authorisation code __040350
Application ID A00000000041010
Issue number 00
Transaction Purchase
Goods and Services 6.55GBP
TOTAL B.S5GBP

Verification Cardholder N01 Ver\fied
Your account wil] be debited with the
above amount.

Please retain for your records
Thank you

2244 mam
$230303; 1196 '_ 09/01/2018 08:02
```

Model Output

AutoSave Off

ReceiptDetails.csv - Excel

Anjali Dharmik (Data Analyst, Pune)

FileHomeInsertPage LayoutFormulasDataReviewViewHelpPower PivotTeamTell me what you want to do

CutCopyFormat Painter

Clipboard

Calibri11

B*I*U

Font

Align Center

Wrap Text

Merge & Center

Alignment

General

%

Number

Number

NormalBadGoodNeutralCalculationCheck Cell

Conditional FormattingFormat as Table

Styles

InsertDeleteFormat

Cells

AutoSumFillClear

Sort & Find & FilterSelectEditing

R24

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	file	total_char	amount_ir	amount_e	vat_charg	card_type	receipt_nu	trans_num	transaction	tid	company_	billing_dat	card_num	exp_date									
2	20180131_	5.9	5.9	4.92	0.98	master car	01.103.000430b1.0	confirmed		103	2300707	#####											
3	20180131_	5.25	5.25	4.38	0.87		24340																
4	20180131_	3.95	3.95	3.9	0.05	mastercard	28410	3.77E+11				#####	1.11E+15	Oct-19									
5	20180131_	14.47	14.47	14.3	0.17																		
6	20180131_160051			5.27		mastercard						#####											
7	20180131_	1.6	1.6	0.8	0.8	mastercard							xwxxxxwxxwxxx9472										
8	20180131_	12	12	10	2																		
9	20180131_160129			0	0																		
10	20180131_160152			1.49			13/5999																
11	20180131_	4.4	4.4	3.67	0.73	mastercard	1323																
12	20180131_	4.9	4.9	4.9	0		31/9511																
13	20180131_	5.9	5.9	4.92	0.98	master card				108	2309767			Oct-19									
14	20180131_160240					mastercard	28906	3.7E+11				#####											
15	20180131_160251			0.34		mastercard																	
16	20180131_	22.01	22.01	20	2.01	mastercard	01/6944/0166					#####	xxxxxxxxxx	Oct-19									
17	20180131_	5.84	5.84	5.64	0.2	mastercard	30102	360m50555760				#####											
18	20180131_160409			7.41		mastercard						#####											
19	20180131_160419																						
20	20180131_105.0004	105.0004	104.02	0.98		master card				105	2309767												
21	20180131_160725		4.95			mastercard						#####											
22	20180131_	5508	5508	5507.02	0.98	master car	5508			608	2309767			Oct-19									
23	20180131_	8.5	8.5	6.5	2	mastercard																	
24	20180131_160824					mastercard																	
25	20180131_	6.609	6.609	5.35	1.26	master card				609	2309767												
26	20180131_	6.55	6.55	3.3	3.25		28119	3.6E+11				#####											
27	20180131_160909			0	0																		

ReceiptDetails

Thank you for viewing the presentation about AI powered optical character recognition for receipts and data extraction

We request you to kindly share the receipts which you need to get processed by sending an email to ai@aress.com and we will get back to you with our analysis within 4 working hours.