



AI POWERED BUSINESS SOLUTIONS



AI Powered Business Solutions

RESUME RECOGNITION

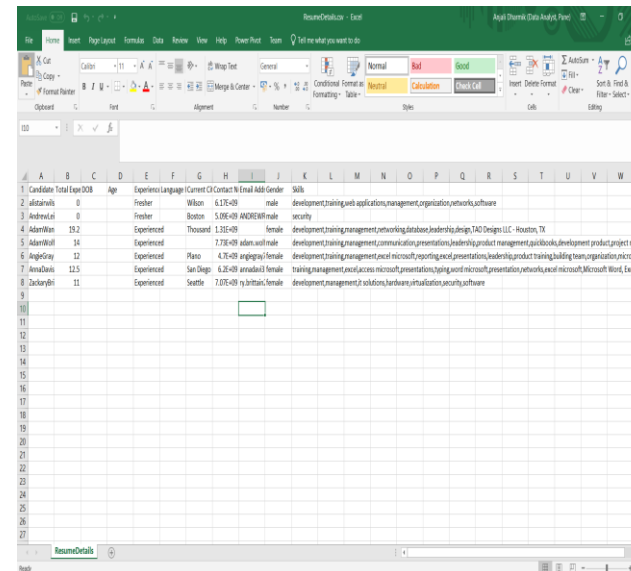
OPTICAL CHARACTER RECOGNITION FOR RECEIPTS AND DATA EXTRACTION

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



Candidate	Total Exp	DOB	Age	Experience	Language	Current CI	Contact N	Email	Addr	Gender	Skills
1. allainmalls	0			Frecher	Wilson	6.17E+09				male	development,training,web,applications,management,organization,networks,software
2. andrewkeli	0			Frecher	Boston	5.09E+09	ANWKE@			male	security
4. alexandria	19.2			Experienced	Thousand	1.23E+09				female	development,training,management,networking,database,leadership,design,TAD,Design,LLC - Houston, TX
5. adamball	14			Experienced		7.72E+09	adamball			male	development,training,management,communication,presentation,leadership,product,management,publishing,development,product,man
6. angeley	12			Experienced	Palo	4.7E+09	angeley@			female	development,training,management,excel,microsoft,reporting,excel,presentation,leadership,product,training,building,team,organization,microsoft
7. annawells	12.5			Experienced	San Diego	6.2E+09	annawells@			female	training,management,excel,access,microsoft,presentation,typing,word,microsoft,presentation,networks,excel,microsoft,Microsoft Word, Excel,
8. zacharybri	11			Experienced	Seattle	7.07E+09	zbri@			female	development,management,solutions,hardware,installation,security,software




Optical Character Recognition for Receipts and Data Extraction

Select Receipts

Choose Files No file chosen

Upload

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...

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- [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	01.103.000430bil		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

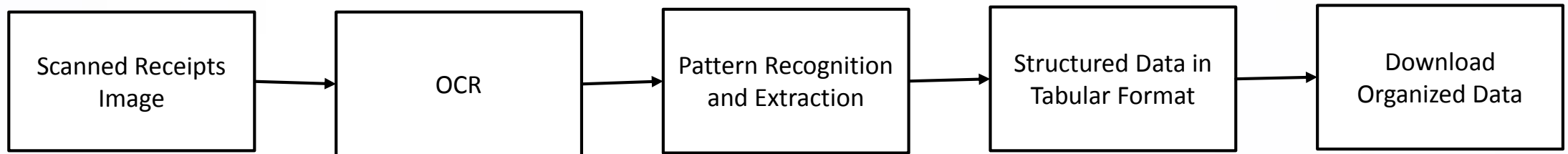


DOWNLOAD OUTPUT

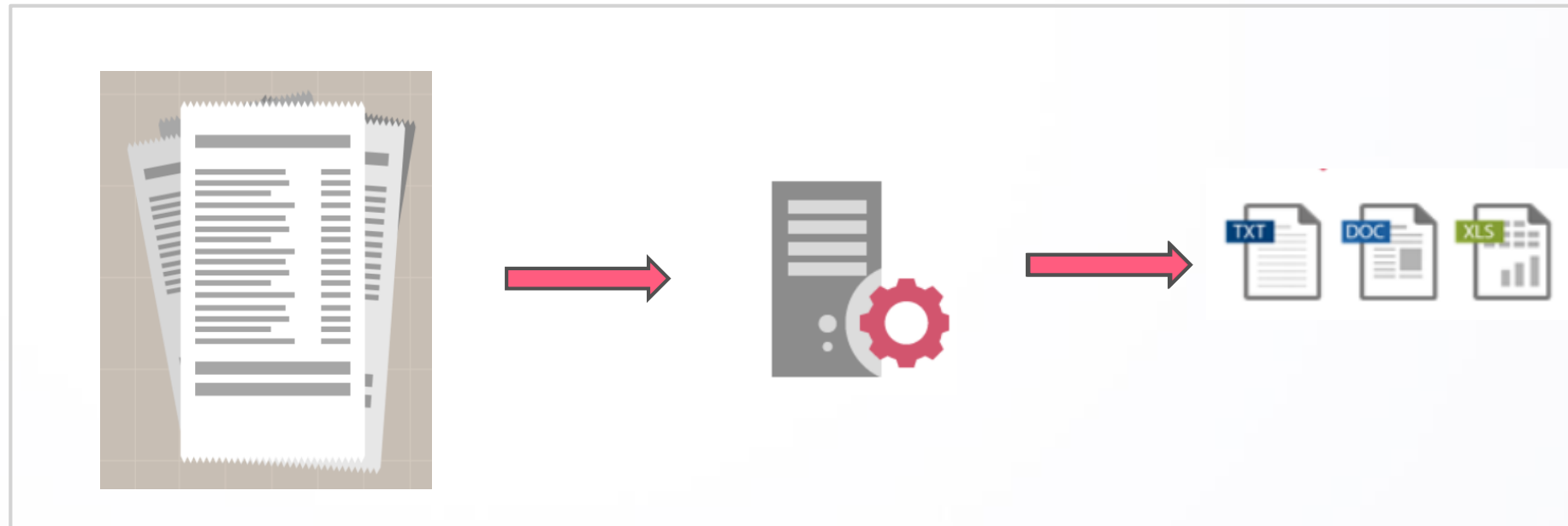
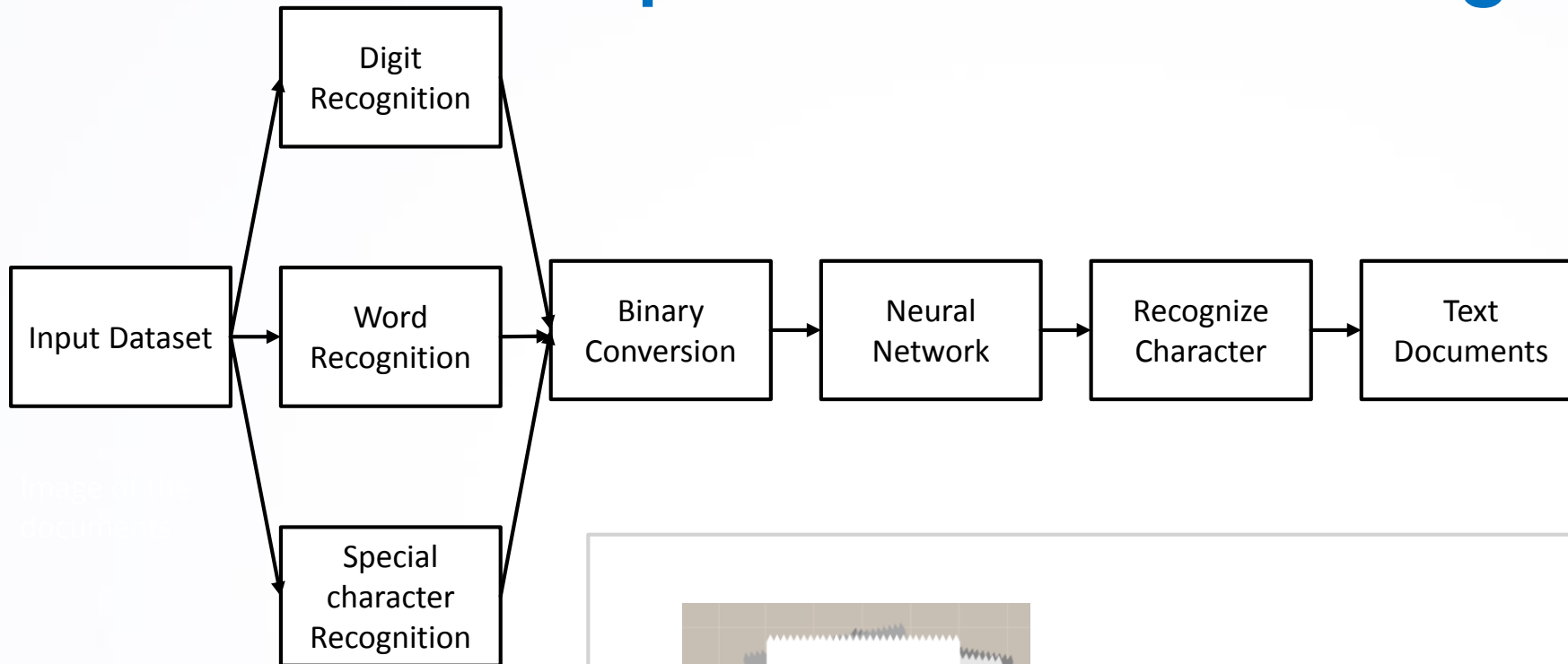


HOME

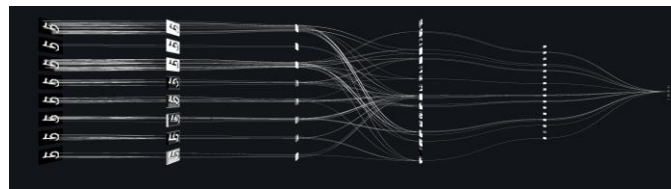
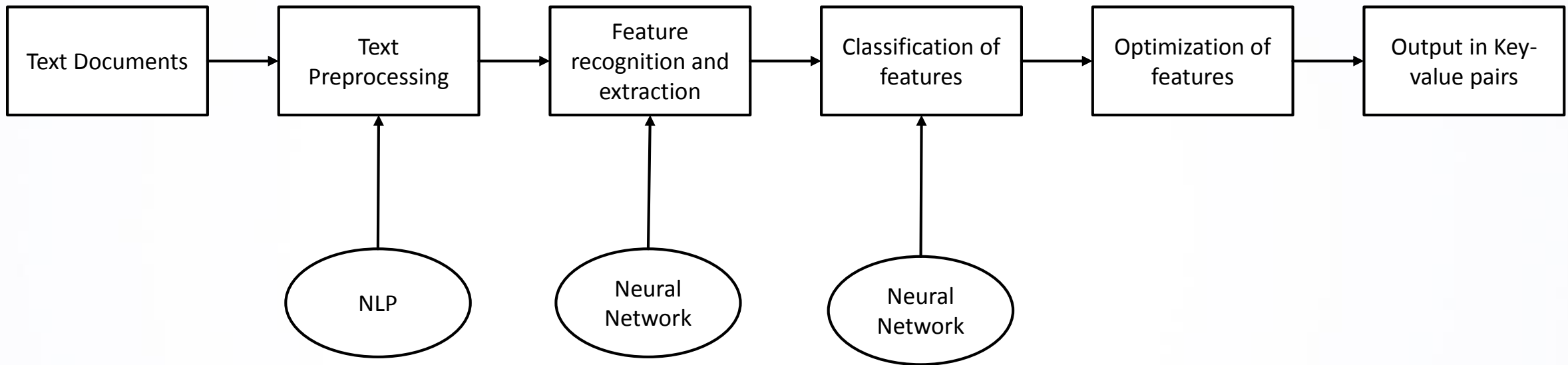
Model Architecture



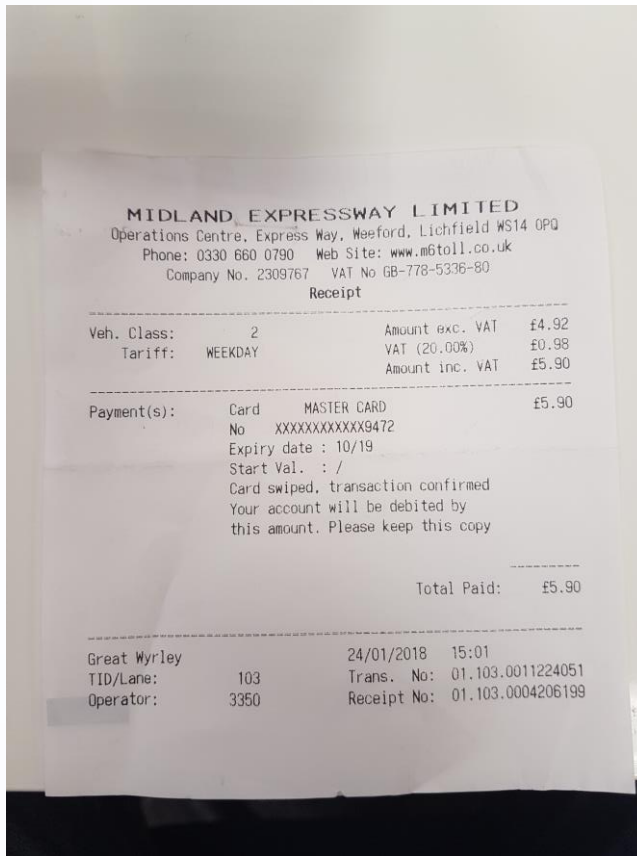
Optical Character Recognition



Pattern Recognition and Extraction



Input Sample



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 0?00 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 XXXXXXXXXXXXX947?
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 A0000000041010
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

ReceiptDetails.csv - Excel | Anjali Dharmik (Data Analyst, Pune)

file	total_char	amount_ir	amount_e	vat_charge	card_type	receipt_nu	trans_num	transactio	tid	company_	billing_dat	card_num	exp_date
20180131_	5.9	5.9	4.92	0.98	master car	01.103.000430b1.0		confirmed	103	2300707	#####		
20180131_	5.25	5.25	4.38	0.87							24340		
20180131_	3.95	3.95	3.9	0.05	mastercar	28410	3.77E+11				#####	1.11E+15	Oct-19
20180131_160051			5.27		mastercard						#####		
20180131_	1.6	1.6	0.8	0.8	mastercard							xwxxxxwxxxx9472	
20180131_	12	12	10	2									
20180131_160129			0	0									
20180131_160152			1.49										
20180131_	4.4	4.4	3.67	0.73	mastercar							1323	
20180131_	4.9	4.9	4.9	0									
20180131_	5.9	5.9	4.92	0.98	master card								
20180131_160240					mastercar	28906	3.7E+11				#####		
20180131_160251			0.34		mastercard								
20180131_	22.01	22.01	20	2.01	mastercar	01/6944/0166					#####	xxxxxxxxx	Oct-19
20180131_	5.84	5.84	5.64	0.2	mastercar	30102	360m50555760				#####		
20180131_160409			7.41		mastercard						#####		
20180131_160419													
20180131_105.0004	105.0004	104.02	0.98		master card								
20180131_160725			4.95		mastercard						#####		
20180131_	5508	5507.02	0.98		master car	5508							Oct-19
20180131_	8.5	8.5	6.5	2	mastercard								
20180131_160824					mastercard								
20180131_	6.609	6.609	5.35	1.26	master card								
20180131_	6.55	6.55	3.3	3.25		28119	3.6E+11				#####		
20180131_160909			0	0									

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 Devdatta.Kumbhare@aress.com and we will get back to you with our analysis within 4 working hours.