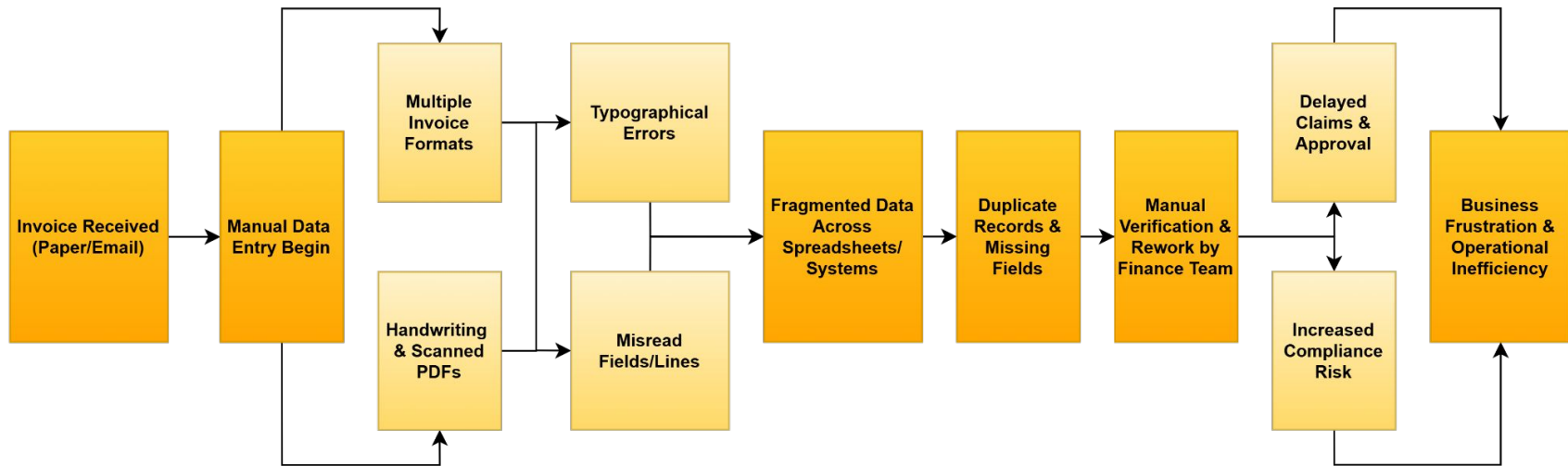


# AI-Powered Invoice

From Paper to Precision: Automating Claims with OCR and Smart Extraction

January 2026

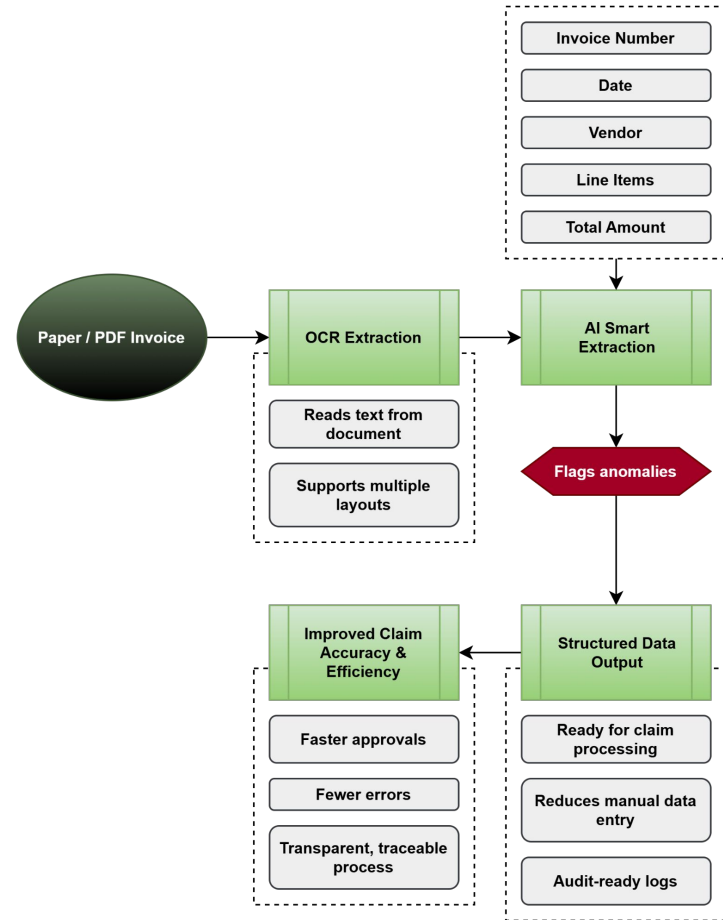


# Process Bottlenecks

Manual invoice processing is slow, prone to mistakes, and often leaves records scattered causing delays in claims. With AI-powered OCR, invoices in different formats can be quickly converted into structured data, reducing errors and speeding up the entire process.

# AI Extraction

AI uses OCR to scan invoices and automatically capture key details such as invoice number, date, vendor, and totals. This eliminates manual data entry, improves accuracy, and produces structured, auditable records making claims faster and more reliable.



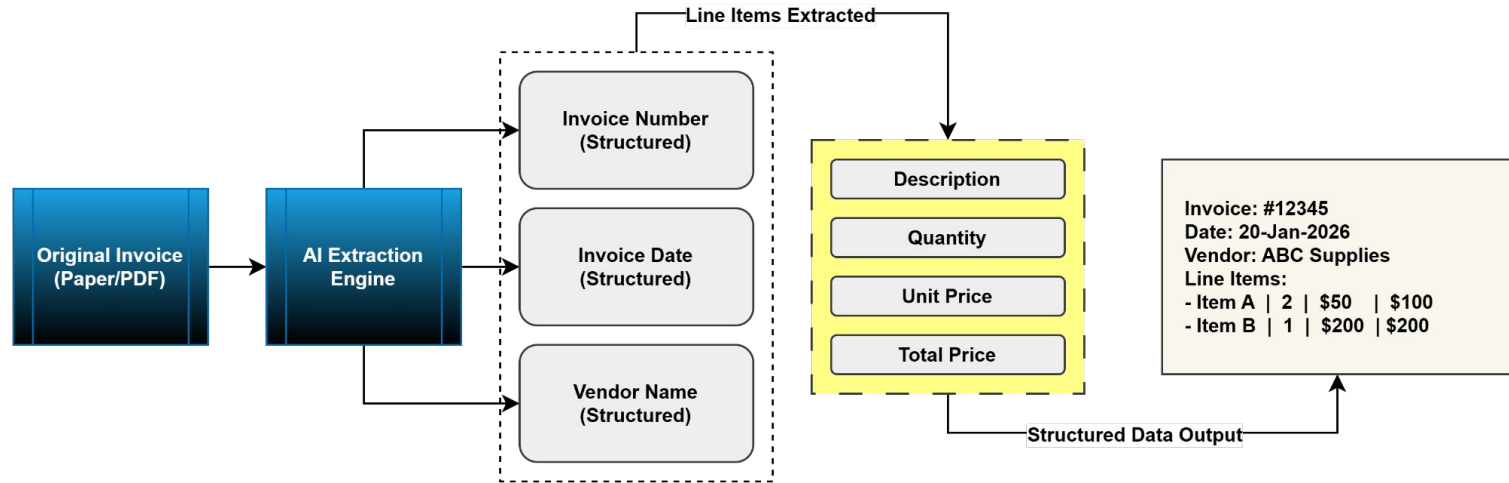
# Smart OCR

TAX INVOICE					
ABC ENTERPRISES					
123 B 2018 XXXXXX PUSA ROAD, NEW DELHI-110005 GSTIN No 07APAFD8245XXXX					
Bill to		Place of Supply		INVOICE No	Date
Abhay Electric Agencies		Abhay Electric Agencies Plot No 62, Mayapuri Vihar, GURGAON		OD-T1-02	1-Jul-17
Bill No: 02 Mayapuri Vihar, GURGAON					
GSTIN No: 00BBUPS52K2					
Description of Goods	HSN CODE	QTY	Unit	RATE	Amount
LED LIGHTS	8501	50	pc	200	10000
Bulbs	8501	5	Dozens	3000	15000
Total					25000
Less Discount 20%					5000
Taxable Value					20000
ADD IGST 12%				12%	2400
Total					22400.00
Amount Chargeable (in words) Rupees Twenty Two Thousand Four Hundred only					
Company Name: AAKFDD7230		For ABC ENTERPRISES (Authorized Signature)			
Note: Please make cheques in favor of "ABC Enterprises"					

SL.	Description	Data
1	Name	Abay Agency
2	Invoice Number	OD - T1 - 02
3	Date	1 - JUL - 17
4	Account Number	AAKFDD7230
5	GSTIN	00BBUPS52K2

AI-powered OCR reads paper, PDF, and scanned invoices, automatically identifying key fields like dates, amounts, and vendors.

Unlike traditional OCR, it adapts to various layouts, learns from inputs, and improves over time, ensuring high accuracy and reliable data extraction. This makes it ideal for complex or diverse invoice formats, reducing manual effort while increasing precision.



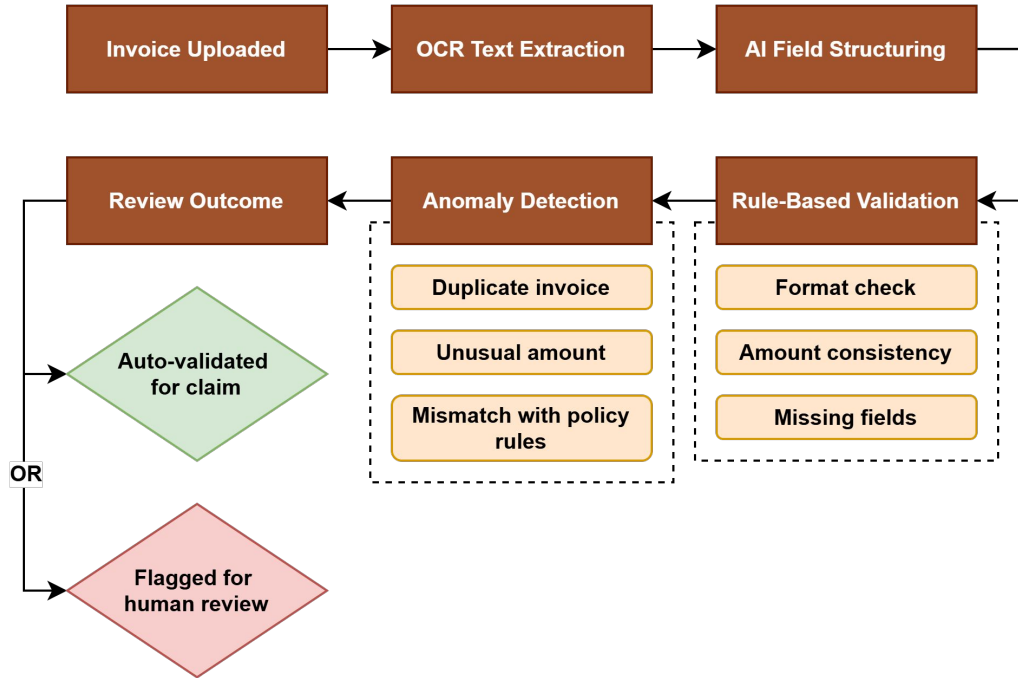
# Smart Data

AI uses OCR to scan invoices and capture key details like invoice number, date, vendor, and line items. The data is automatically organized into a clean, auditable format reducing manual work, improving accuracy, and streamlining claims processing.

# Accuracy Validation

Extracted invoice data is automatically validated against predefined rules, including format checks, amount consistency, and data completeness.

Any inconsistencies or unusual patterns are flagged for review before claims proceed. This ensures structured, reliable, and auditable data with minimal manual intervention.



# Multi-Layout Recognition

**Testing Gym Manufacturer Sdn Bhd** (13476-A)  
No. 57, Jalan BS 17/1C, 47500, Petaling Jaya,  
Selangor, Malaysia.  
Phone: 03-5637 0217 Fax: 03-5637 0117  
(GST No: 000612345678)

**Sales Order**

**Selling Address:**  
**HERO FITNESS CLUB**  
2260, Jalan Hala Timah 2,  
Taman Kolej Perdana,  
31000 Kampar, Perak.

**Delivery Address:**  
2260, Jalan Hala Timah 2,  
Taman Kolej Perdana,  
31000 Kampar, Perak.

**ATTN:** Mr. Jonathan Liew  
**Tel:** 05-466 0578

**ATTN:** Mr. Jonathan Liew  
**Tel:** 05-466 0578

Customer Account	Sales Division	Country	Name	Page No	Date	Order No.	Date
300-H0001	FANG	RM	ADMIN	1 of 1	01/09/2018	01/09/2018	

No	Item Code	Description	Qty	Unit Price	Amount
1	RA02-419	Barbell Rack DM-419	10.00	SET	638.00
2	STAG-075	Jungle Stair DM-075	20.00	UNIT	2,150.00
3	TRAC-044-024	Treadmill DM-024	5.00	UNIT	3,279.00
4	BRN-020	Set Up Bench DM-020	10.00	UNIT	1,349.00

RM 75,265.00  
Tax 7,625.50  
Total Incl. Tax 82,890.50  
Less Deposit (50,000.00)  
Net Value 32,890.50

Amount Due 32,890.50

Testing Gym Manufacturer Sdn Bhd (13476-A)

**INVOICE**  
No.: 5357  
Date: 18/10/2018

M/S: [REDACTED]

No	Particular	Quantity	Unit Price	Amount
1	ROCKE CUFF 011 + GATREF			350.00
2	OLIVE SHARP 011 A/L 011	100	350.00	350.00
3	OLIVE 011 P101 011			20.00
4	HAVE P-STEERING REFUEL 011			78.00
5	HAVE P-STEERING HIGH PRESSURE 011			170.00
6	ROCKE 011 011			100.00
7	ROCKE 011 011			50.00
8	ROCKE 011 011			50.00
9	ROCKE 011 011			50.00
10	ROCKE 011 011			50.00
11	ROCKE 011 011			50.00
12	ROCKE 011 011			50.00
13	ROCKE 011 011			50.00
14	ROCKE 011 011			50.00
15	ROCKE 011 011			50.00
16	ROCKE 011 011			50.00
17	ROCKE 011 011			50.00
18	ROCKE 011 011			50.00
19	ROCKE 011 011			50.00
20	ROCKE 011 011			50.00
21	ROCKE 011 011			50.00
22	ROCKE 011 011			50.00
23	ROCKE 011 011			50.00
24	ROCKE 011 011			50.00
25	ROCKE 011 011			50.00
26	ROCKE 011 011			50.00
27	ROCKE 011 011			50.00
28	ROCKE 011 011			50.00
29	ROCKE 011 011			50.00
30	ROCKE 011 011			50.00
31	ROCKE 011 011			50.00
32	ROCKE 011 011			50.00
33	ROCKE 011 011			50.00
34	ROCKE 011 011			50.00
35	ROCKE 011 011			50.00
36	ROCKE 011 011			50.00
37	ROCKE 011 011			50.00
38	ROCKE 011 011			50.00
39	ROCKE 011 011			50.00
40	ROCKE 011 011			50.00
41	ROCKE 011 011			50.00
42	ROCKE 011 011			50.00
43	ROCKE 011 011			50.00
44	ROCKE 011 011			50.00
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53	ROCKE 011 011			50.00
54	ROCKE 011 011			50.00
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58	ROCKE 011 011			50.00
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89	ROCKE 011 011			50.00
90	ROCKE 011 011			50.00
91	ROCKE 011 011			50.00
92	ROCKE 011 011			50.00
93	ROCKE 011 011			50.00
94	ROCKE 011 011			50.00
95	ROCKE 011 011			50.00
96	ROCKE 011 011			50.00
97	ROCKE 011 011			50.00
98	ROCKE 011 011			50.00
99	ROCKE 011 011			50.00
100	ROCKE 011 011			50.00

ALL GOODS SOLD ARE NOT REFUNDABLE. THANK YOU DOING BUSINESS WITH US

**Total RM: 6,777.00**  
**Deposit: 1,500.00**  
**Balance: 4,777.00**

**Payment Method**  
☐ Cash  
☐ Online Banking  
☐ Card

Issued By: [REDACTED] Accepted By: [REDACTED]

AI intelligently reads and understands invoices in different formats, from structured PDF sales order invoices to unstructured handwritten documents.

Using OCR and layout-aware intelligence, the system accurately extracts key information despite variations in design, format, or writing style. This ensures consistent, precise data extraction across diverse invoice sources with minimal manual intervention.

Workflow Comparison: Manual vs AI-Assisted						
Manual Invoice Processing	Paper / PDF Invoice	Manual Reading	Manual Data Entry	Repeated Verification	Human Errors & Rework	Delayed Claim Processing
AI-Powered Invoice Processing	Paper / PDF Invoice	OCR Scanning	AI Smart Extraction	Auto-Structured Data	Minimal Human Review	Faster, Accurate Claims

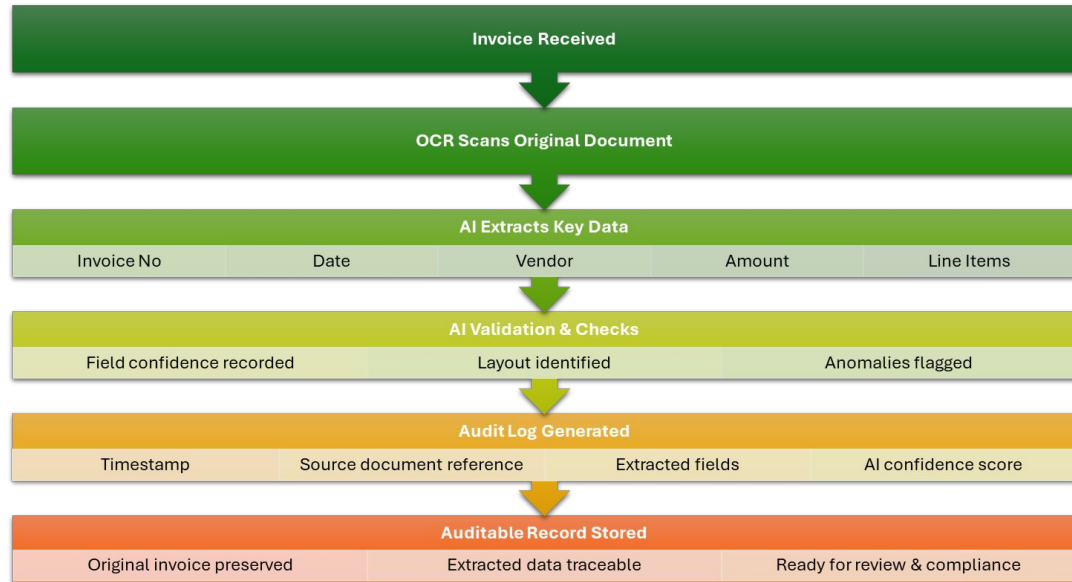
## Documentation Simplified

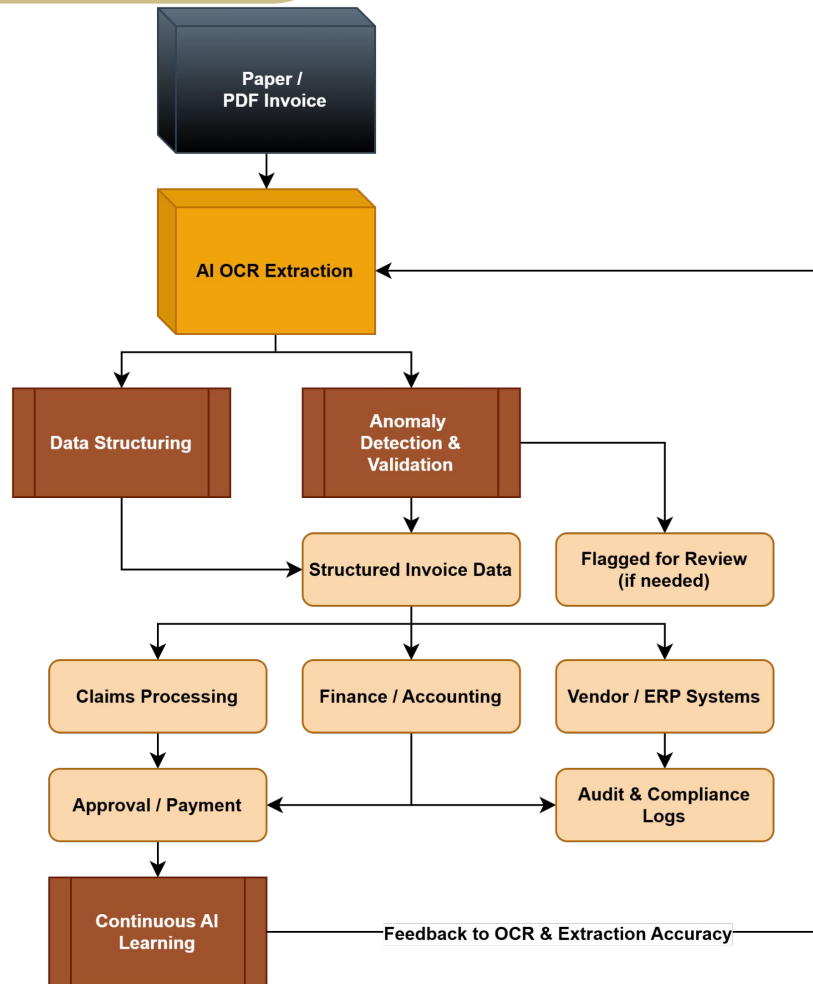
Invoice processing is streamlined by transforming raw paper or digital invoices into structured, ready-to-use data through intelligent extraction. This approach significantly reduces manual data entry, minimizes human error, and ensures information is captured consistently. As a result, claims can be reviewed faster with clearer documentation and higher confidence in accuracy.



# Audit Transparency

Every invoice handled by AI is fully traceable from the original document to the extracted data. Each OCR step is automatically logged with timestamps and references, making the process explainable, reviewable, and audit-ready. This builds confidence in claims validation, compliance, and governance.





# System Integration

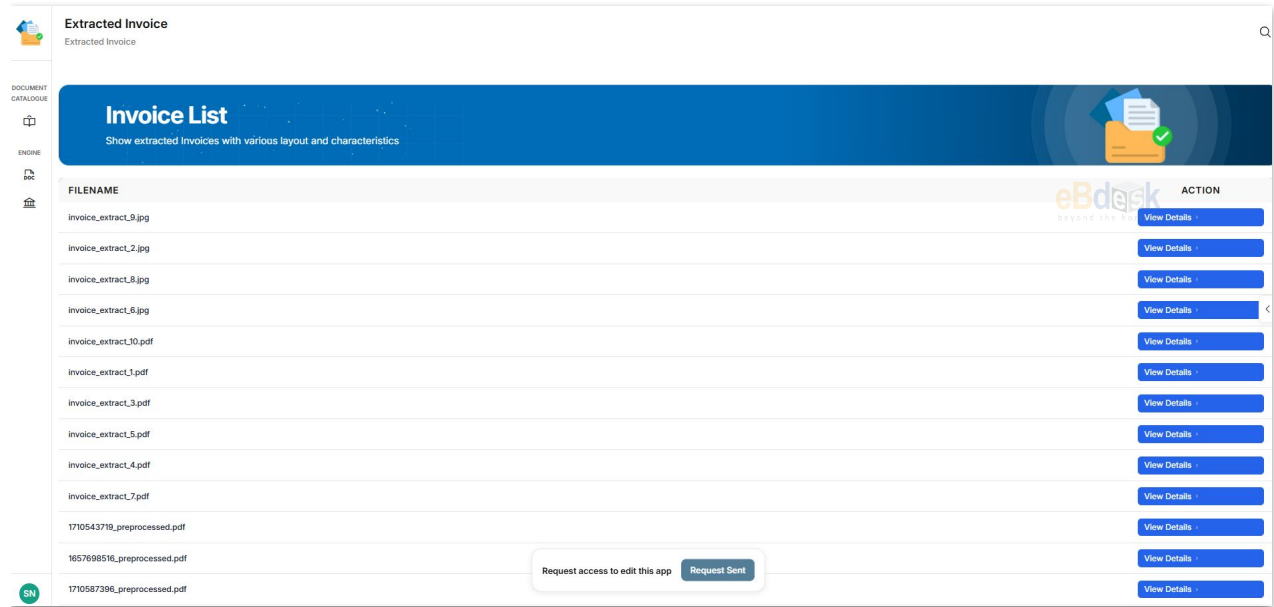
Invoices are converted from raw documents into structured data that feeds claims, finance, and ERP systems.

Anomaly detection flags exceptions for review, while audit logs maintain compliance. Feedback loops continuously improve extraction accuracy.

The system provides a centralized view of all invoices, showing AI extraction status for each document.

Users can quickly navigate the list, identify processed or pending invoices, and access detailed information with ease. This organized layout reduces manual effort, speeds up verification, and ensures all invoice data is readily accessible.

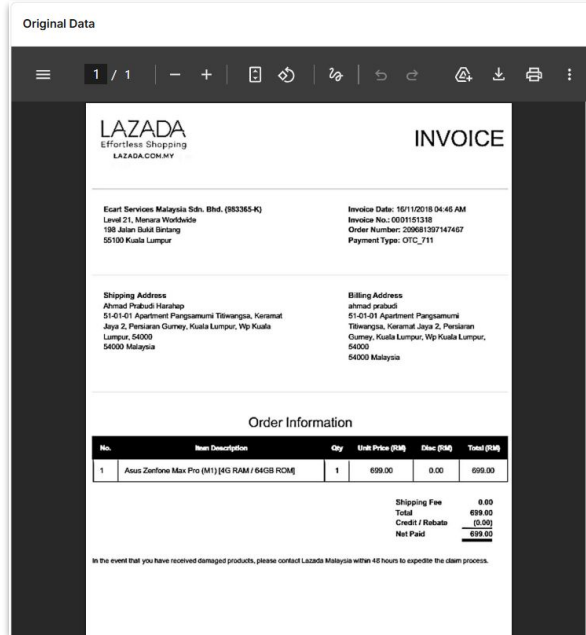
# Invoice Overview



The screenshot displays a web application interface for managing extracted invoices. At the top, a blue header bar contains the title 'Invoice List' and a subtitle 'Show extracted Invoices with various layout and characteristics'. Below this, a table lists individual invoice files. The table has two main columns: 'FILENAME' and 'ACTION'. The 'FILENAME' column lists various files, including those with '.jpg' and '.pdf' extensions, some with IDs like '1710543719\_preprocessed.pdf'. The 'ACTION' column contains a 'View Details' button for each row. On the right side of the table, there is a sidebar with the 'eBdesk' logo and a 'Request access to edit this app' button. The left sidebar shows navigation options like 'DOCUMENT CATALOGUE', 'ENGINE', and 'DOC'.

FILENAME	ACTION
invoice_extract_9.jpg	<a href="#">View Details</a>
invoice_extract_2.jpg	<a href="#">View Details</a>
invoice_extract_8.jpg	<a href="#">View Details</a>
invoice_extract_6.jpg	<a href="#">View Details</a>
invoice_extract_10.pdf	<a href="#">View Details</a>
invoice_extract_1.pdf	<a href="#">View Details</a>
invoice_extract_3.pdf	<a href="#">View Details</a>
invoice_extract_5.pdf	<a href="#">View Details</a>
invoice_extract_4.pdf	<a href="#">View Details</a>
invoice_extract_7.pdf	<a href="#">View Details</a>
1710543719_preprocessed.pdf	<a href="#">View Details</a>
1657698516_preprocessed.pdf	<a href="#">View Details</a>
1710587396_preprocessed.pdf	<a href="#">View Details</a>

# Quick Review



## Extracted

### Invoice Extract: 1710543719\_preprocessed.pdf

EcartServices MalaysiaSdn.Bhd.(983365-K) Level21,Menara Worldwide 198 Jalan Bukit Bintang 55100 Kuala Lumpur  
Shipping Address Ahmad Prabudi Harahap 51-01-01ApartmentPangsamumi Titiwangsa,Keramat Jaya2,Persiaran Gurney,Kuala Lumpur,WpKuala Lumpur,54000  
54000 Malaysia

#### INVOICE

InvoiceDate:16/11/201804:46AM

Invoice No.:0001151318

Order Number.209681397147467

Payment Type:OTC\_711

Billing Address ahmad prabudi 51-01-01Apartment Pangsamumi Titiwangsa,Keramat Jaya 2,Persiaran Gurney,Kuala Lumpur,Wp Kuala Lumpur 54000 54000Malaysia

#### Order Information

No.	Item Description	Qty	Unit Price (RM)	Disc (RM)	Total (RM)
1	AsusZenfoneMaxPro(M1)(4G RAM/64GBROM)	1	699	0	699

Shipping Fee	0.00
--------------	------

Total	699.00
-------	--------

Credit/Rebate	(0.00)
---------------	--------

Net Paid	699.00
----------	--------

In the event that you have received damaged products, please contact Lazads Malaysia within 48 hours to expedite the claim process.

Powered by **eBdesk** Big Data and Artificial Intelligence

Users can quickly browse a full list of invoices and choose any for detailed review. Once selected, the original invoice appears alongside the AI-extracted structured version, making comparison instant and effortless. This streamlined process cuts down manual work, speeds up verification, and ensures all key information is captured accurately for claims processing.

# Original vs Extracted

Original Data

1 / 1

**Payment Voucher**

Delivery Hero Malaysia Sdn Bhd  
D-2-4, Level 2, Block D, Southgate Commercial Centre,  
No. 2, Jalan Dua Off Jalan Chan Sow Lin,  
55200 Kuala Lumpur

**foodpanda**

**PAYABLE TO**  
Harris Naim (NH)  
961129115195  
Malaysia

**Payslip Release Date** 31/05/2022  
**Payment Period** 2022-January  
**Currency** MYR  
**Average Pay Per Hour (RM)** 9.99  
**Total Working Hour** 171.36

	Rider Wallet	Bank Account
Week 52 (27/12/2021 - 02/01/2022)	0.00	0.00
Week 1 (03/01/2022 - 09/01/2022)	0.00	0.00
Week 2 (10/01/2022 - 16/01/2022)	0.00	324.13
Week 3 (17/01/2022 - 23/01/2022)	0.00	274.40
Week 4 (24/01/2022 - 30/01/2022)	0.00	522.96
Week 5 (31/01/2022 - 06/02/2022)	0.00	590.23
<b>Total Payment</b>	<b>RM</b>	<b>1711.72</b>

This is an auto-generated invoice. No signature is required.

Extracted

**Invoice Extract: thumb\_1200\_1553\_preprocessed.pdf**

Payment Voucher.  
Delivery Hero Malaysia Sdn Bhd D-2-4,Level 2,Block D,Southgate Commercial Centre, No.2,Jalan Dua Off Jalan Chan Sow Lin, 55200 Kuala Lumpur

PAYABLE TO Harris Naim (NH) 961129115195 Malaysia	Payslip Release Date 31/05/2022 Payment Period Currency MYR Average Pay Per Hour RM 9.99 Total Working Hour	Payslip Release Date 31/05/2022 Payment Period Currency MYR Average Pay Per Hour RM 9.99 Total Working Hour	2022-January 171.36
		Rider Wallet	Bank Account
Week52 27/12/2021-02/01/2022	Week103/01/2022-09/01/2022	0.00 0.00	0.00 0.00
	Week2(10/01/2022-16/01/2022)	0.00	324.13
	Week3(17/01/2022-23/01/2022)	0.00	274.40
	Week4 (24/01/2022-30/01/2022)	0.00	522.96
	Week5(31/01/2022-06/02/2022)	0.00	590.23
Total Payment	Total Payment	RM	1711.72

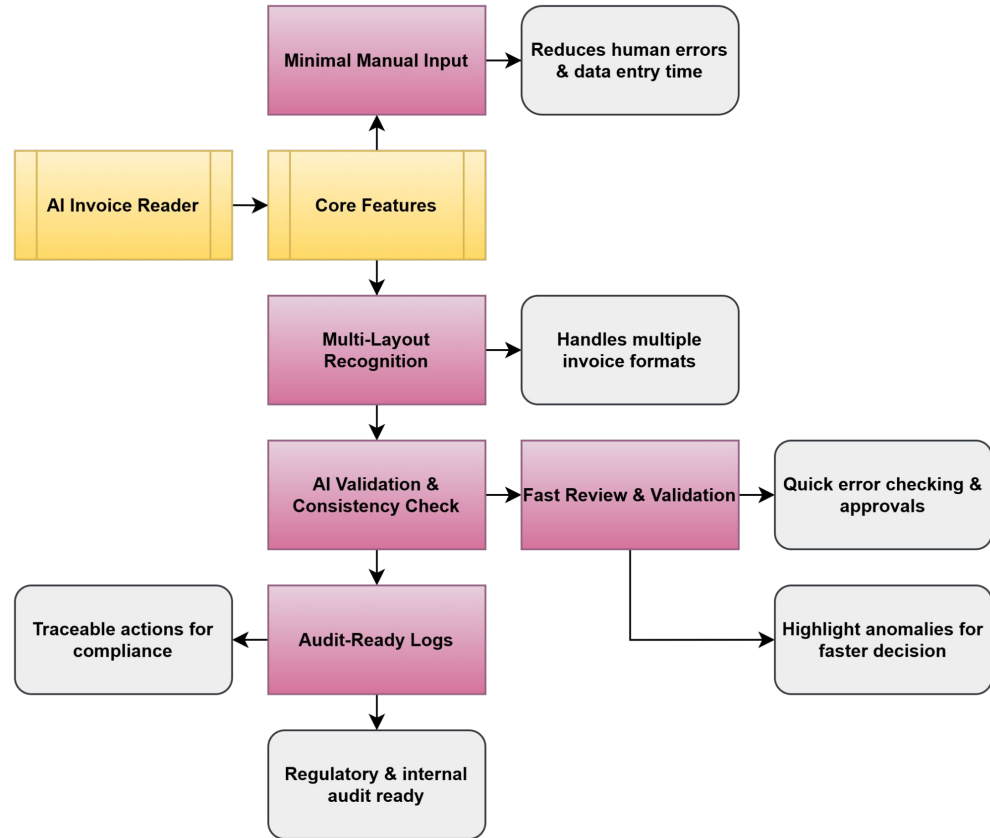
This is an auto-generated invoice.No signature is required.

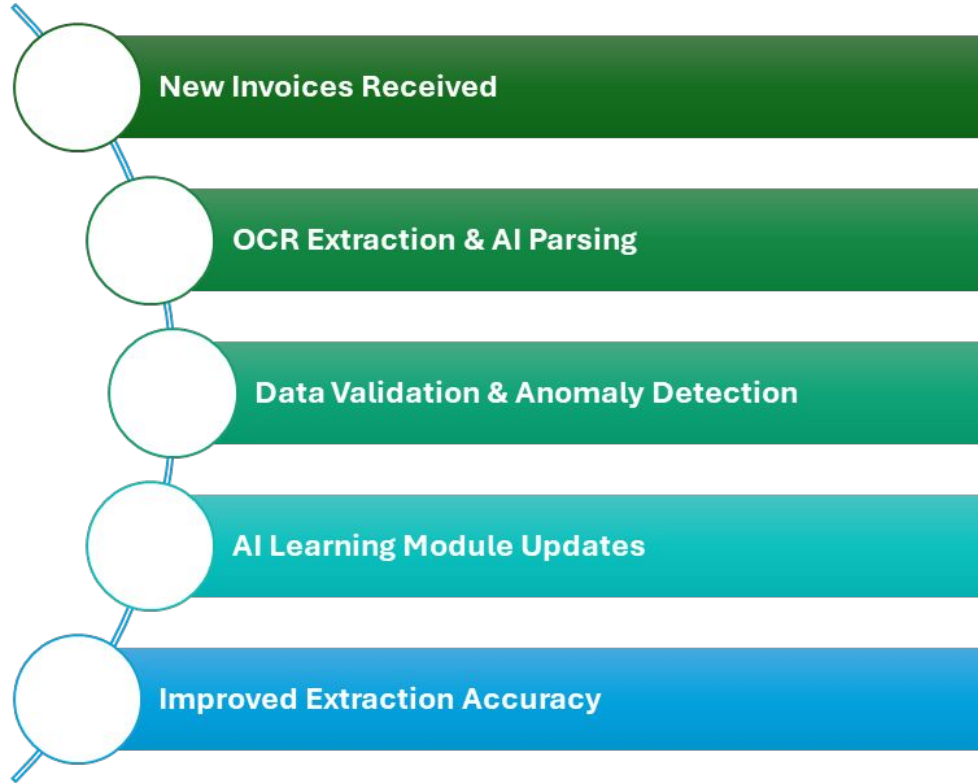
AI automatically reads the raw invoice and pulls key structured data such as invoice number, vendor name, dates, totals, and line-item details from complex layouts. Users can view the **original document side by side with the cleaned, extracted fields**, making it easy to verify accuracy and reduce manual typing.

# Feature Advantages

AI efficiently processes invoices (any layout or format) and cutting down manual effort while ensuring consistent and accurate capture of key details. It speeds up review and validation, flags discrepancies for quick resolution, and keeps fully traceable, audit-ready logs.

The result is faster claims processing, stronger data reliability, and transparent, compliant record-keeping across all invoice workflows.





# Continuous Learning

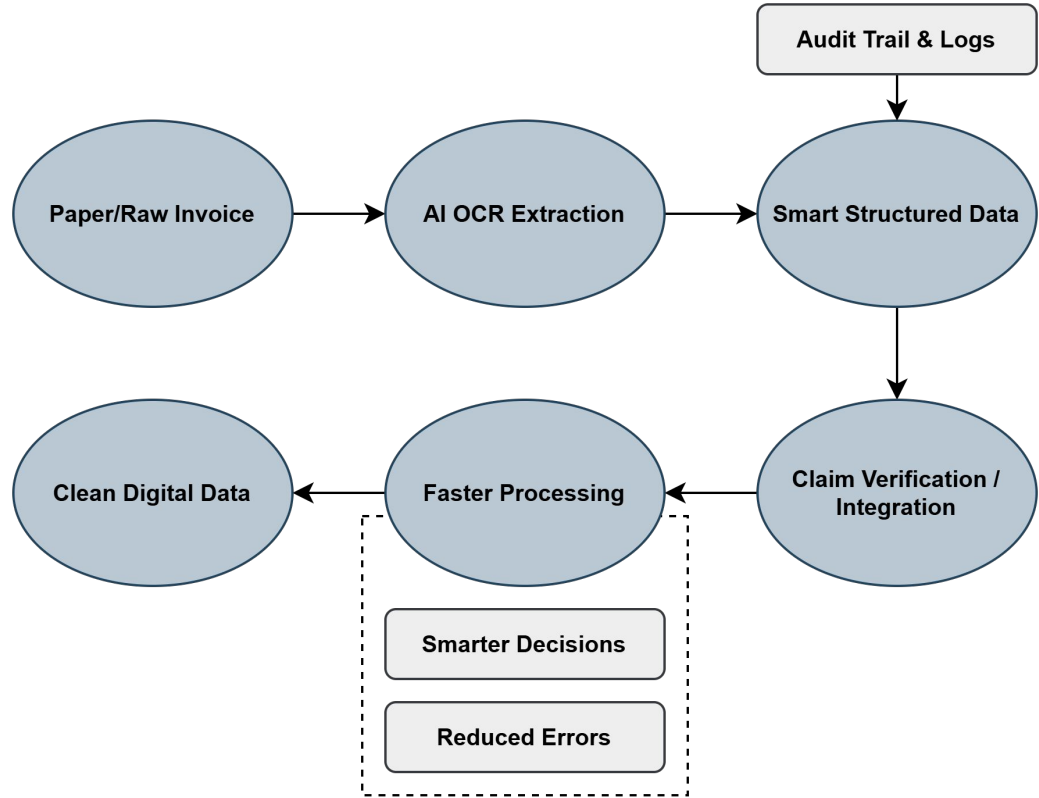
The system improves automatically as it processes more invoices and diverse layouts.

Each extraction feeds back into the learning module, enhancing accuracy and reducing errors over time. This ensures faster, more precise claim handling with minimal manual intervention.

# Invoice Automation

AI converts raw and paper-based invoices into clean, structured data ready for claims and processing with minimal manual effort. This streamlines verification, reduces errors, and ensures consistency across documents.

The outcome is faster reviews, reliable audit trails, and more efficient workflows that enable smarter, data-driven decisions.





# Thank You

