



Get rid of Document Processing Hassles - the AI way

*“Humankind has put 4G cell reception on the moon...
...but businesses still **manually** extract and enter data
into systems from documents”*

*“It is time to empower data entry specialist to be **8**
times more efficient”*



Problem



90% of businesses still do manual data entry on unstructured documents.

- Invoices
- POs
- Delivery Notes
- Other document types

Current tools fail to deliver.

- Expensive
- Robotic, do not learn with time
- Don't support Arabic
- Prone to Errors
- Tedious

It's **inefficient.**



Solution



Pedant is a **ML / AI** enabled SaaS solution that will help you to ...



- 1 Receive
- 2 Extract
- 3 Validate
- 4 Export

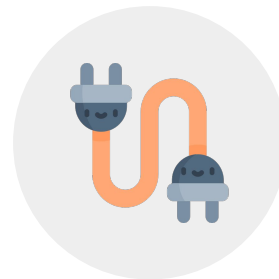
...Documents **more efficiently with 80% less cost**



The only **Human Centered AI**-powered document processor specializing in **MENA**-centric use cases

93%

High accuracy out of the box solution and AI learns to become better.



Works as an extension to any **ERP, CRM** or **RPA** systems.



Data Flow in Pedant

1 SEND DOCUMENTS

2 EXTRACTION

3 CONNECT & CUSTOMIZE



SCAN



MAIL



RPA



API



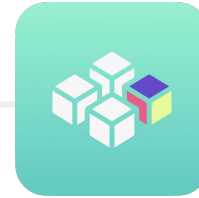
AI

Extract data automatically from any business document trained by user input



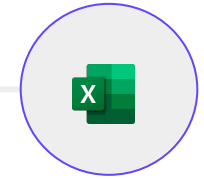
Product Design

Extract data automatically from any business document trained by user input



Extensions

Extract data automatically from any business document trained by user input



4 ANALYSE



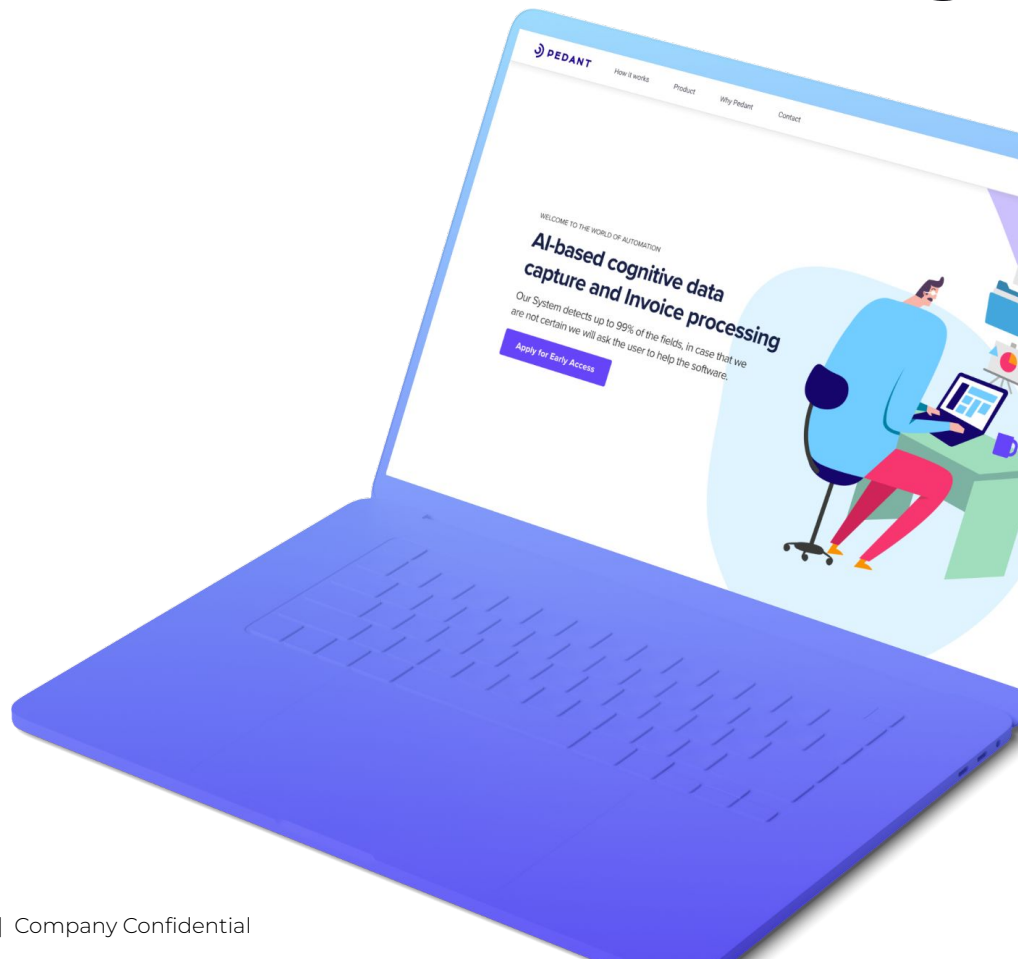
Pedant's Human Centered Artificial Intelligence



Automating communication with all your partners, across all document formats and channels, **requires** a true “**universal translator**”

The **majority** of automation **solutions** currently available are only **partially automated**.

Pedant's **human-centered AI solutions** are able to determine **precisely** when **human** input is **required**, and offers an **easy-to-use** interface that encourages smooth collaboration.





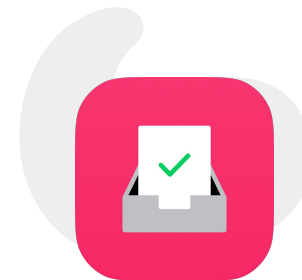
Pedant's Human Centered Artificial Intelligence



Our System detects up to **93%** of the fields, in case that we are not certain we will ask the user to help the software.



AI/ML + Human Feedback =
100% accuracy



The software learns and gets
better over time



Pedant's User interface made for humans



Designed to **maximise** processing **throughput** and to help users **minimise keystrokes**

Customizable per use case and can be integrated with master databases

Embeddable directly into **third-party systems**

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< Prev Invoice 1 Next >

Invoice

- ✓ Invoice Number 6030897076
- ✓ Invoice Date 10.03.2021

Recipient No Recipient Profile

- ✓ Company Cadolto Modulbau GmbH
- Recipient
- ✓ Street c/o Zech Management
- ✓ Zip Code 28101
- ✓ City Bremen

Vendor No Vendor Profile

- ✓ IBAN DE33600501010002043058
- ✓ Vat Number 1
- ✓ TAX Number 760060072
- ✓ Company Adolf Würth GmbH Co. KG
- ✓ Street Adolf Würth GmbH Co. KG

Confirm & Next Confirm Review

Rechnung

Rechnungsnummer 6030897076
Kundennummer 2388418

Invoice Number 6030897076

Cancel Confirm

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Page 2 of 2



We support Arabic

80% accuracy on handwritten documents

94% + accuracy on typed documents

العربية



Intelligent results, Delivered...



Faster and cheaper

6-8 times faster than manual entry from day 1

More accurate

Process documents and push to other systems in minutes and not weeks. Increase accuracy by 200%

0\$

Setup and maintenance cost

5mins to start

Intuitive UI and integrations get companies up and running in minutes with no special training

Cognitive AI

The more documents pedant processes with human help the higher the accuracy. We already start with 93%.

Centralized / Searchable

Centralized repository for your documents with easy search across documents with *ChatGPT integration**.



Competitive Landscape

Solutions	Company Size	TCO	Setup	Customized to MENA Use cases (Arabic, Tax compliance)
Manual Data Entry	All	High	Fast	Unreliable
OCR/ RPA	Medium to Large	Medium	Medium	No
ERP Vendor portals	Large	High	Slow	Medium
AI powered (Pedant)	Medium to Large	Low	Fast	Yes



ROI: Increased Productivity

Annual volume **100,000**, # of fields: **10**, # of layouts: **1000**, Table extraction: **Yes**

Productivity Increase

200% - 750%

Cost Reduction

50% - 85%

	Manual Processing	OCR/ RPA	Pedant
Total number of keystrokes (a year)	27,800,000	12,050,000	5,300,000
Typing time (a year)	5,930 hours	2,575 hours	1,132 hours
Document manipulation time (a year - downloading, uploading, etc)	2,500 hours	0 hours	0 hours
Documents per FTE / month (Fully loaded)	1,639	5,373	12,215
Data entry FTEs (Fully loaded)	5.1	1.6	0.7
Setting up templates (one-time fee)	-	\$30,000	\$0
Server costs (one-time fee)	-	\$2,000	\$0
Template updates (a year)	-	\$6,000	\$0
Server maintenance (a year)	-	\$1,000	\$0



How Pedant helped Swietelsky power their Accounts Payables via Machine Learning



Swietelsky is a leading Austrian construction company that specializes in railway construction, infrastructure, and civil engineering. With over 10,000 employees in 20 countries, Swietelsky has been providing high-quality construction services for over 80 years.



How Pedant helped Swietelsky power their Accounts Payables via Machine Learning



Problem:

Swietelsky was facing a **challenge** of managing its **accounts payable** process.

They had to process around **600,000 invoices** per year and millions of delivery notes.

The invoices were in **unstructured format**, and scanned invoices, which needed **manual work** to digitize and import into their ERP system.

This manual process was **prone to errors**, **inaccurate** and **inefficient**.



Solution:

Pedant provided the solution that **extracted** relevant data from every invoice and **validated** the data for **correctness** with delivery notes.

The **data** was then **pushed** to the **ERP** system, which **automated** the entire process **end to end**.

The solution used **human-centered AI automation** to automate the process.

With the learning algorithm, the system could **increase its accuracy** with every invoice, **reducing** the chances of **errors**.



Why us?

More than 15 years of experience in the invoice payable process with the largest companies and manufacturers in Germany

Thank you

Book a Demo with us

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