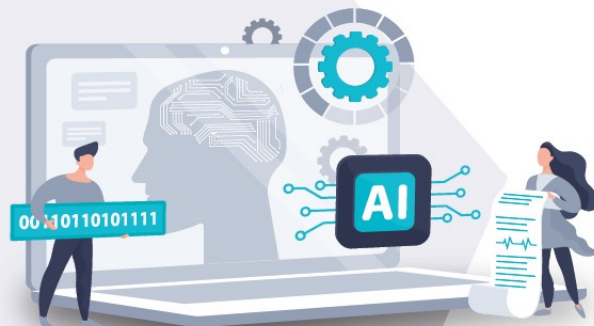


DigitalOwl

ADVANCED NLP FOR MEDICAL RECORD SUMMARIZATION



THE CHALLENGE WITH MEDICAL RECORDS

Manually reviewing medical records at scale is a huge drain on resources. The US industry spends \$3.5B on labor reviewing medical records per year.

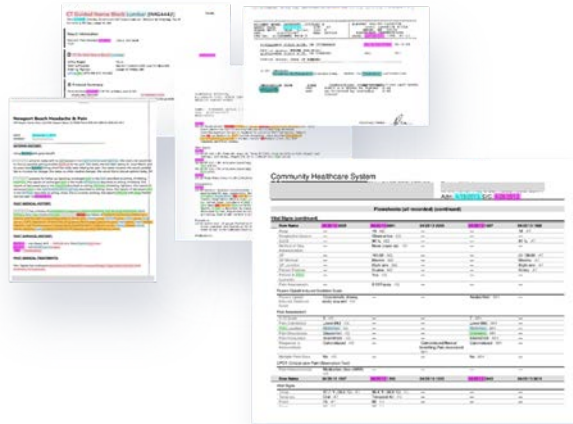
- + Time consuming
- + Labor-intensive
- + Tedious, monotonous
- + Error-prone

Cost challenges are amplified when highly-skilled workers spend hours sorting through medical records



THE CHALLENGE

Unstructured data is difficult to analyze and process



Variety of styles and formats requires understanding of the text and the absolute location of words

Inconsistent scanning qualities & grammatical errors

Duplicated, overlapping and **highly contextual** information from multiple sources

The DigitalOwl technology solution was built for that.

WE HAVE HARNESSED THE CAPABILITIES OF NLP AND APPLIED IT TO THE WORLD OF MEDICAL RECORDS

THE RESULT: A focused dataset, presented in a smart, dynamic, and meaningful summary

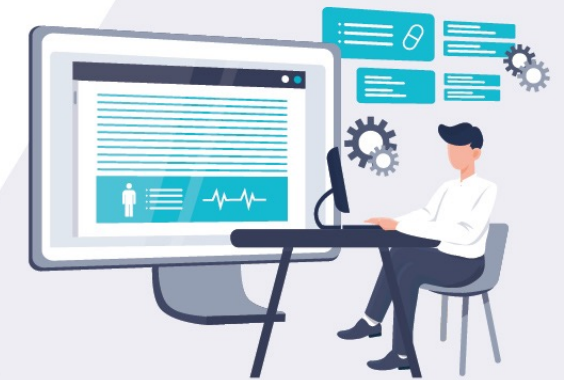


Our product automatically analyzes medical documents, including **extracting medical data from imaged records**.

A deep understanding of the medical text creates a **focused set of data points in a meaningfully summarized format, which is fully hyperlinked to the actual records**.

The complete history is contained within a few pages, making it **quick and easy to absorb** and take action.

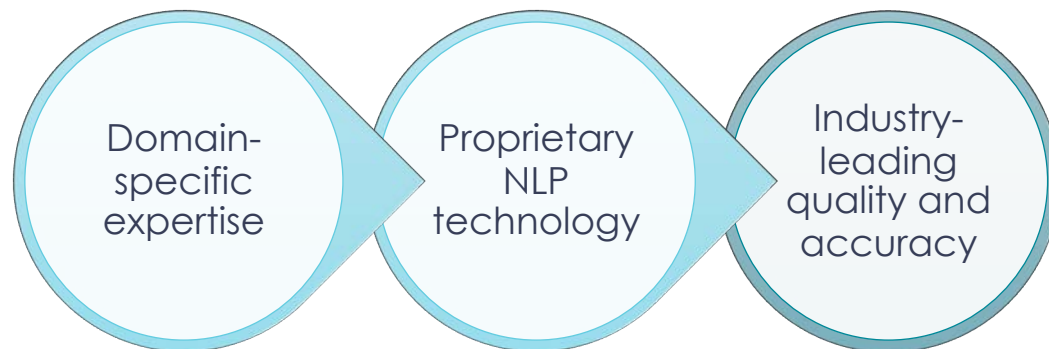
ABOUT US



DigitalOwl

ABOUT US

- ▷ Fast-growing InsurTech company
- ▷ Founded in 2018
- ▷ Global HQ in Tel Aviv, Israel, and US HQ in Portland, Maine
- ▷ Proprietary NLP technology developed specifically for medical records that reads and understands medical text
- ▷ Led by a team of technology and insurance experts



THE VALUE WE DELIVER



DigitalOwl

DIGITALOWL PROVIDES THE TOOLS TO EMPOWER YOUR TEAM



FASTER REVIEW TIME



IMPROVE PRODUCTIVITY



INCREASE CONSISTENCY



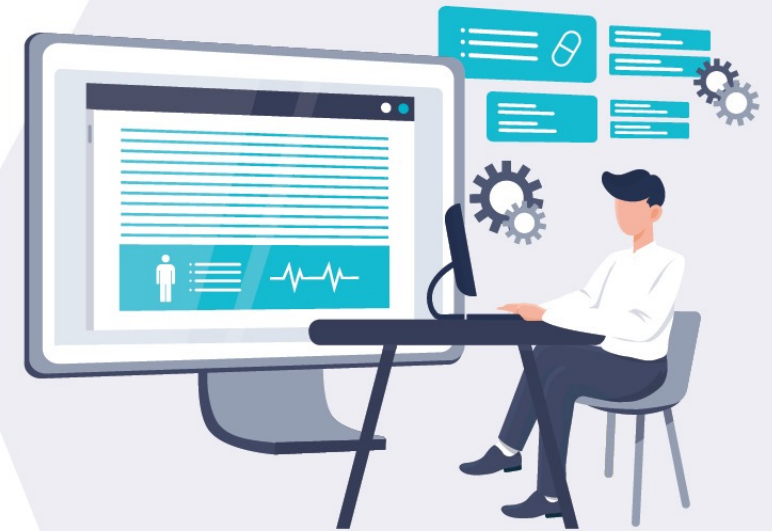
SAVE MONEY

OUR CLIENTS GAIN A COMPETITIVE EDGE

- ▷ **Speed** to decision
- ▷ **Cost** of decision
- ▷ **Allocation** of resources
- ▷ **Consistency** and quality of information

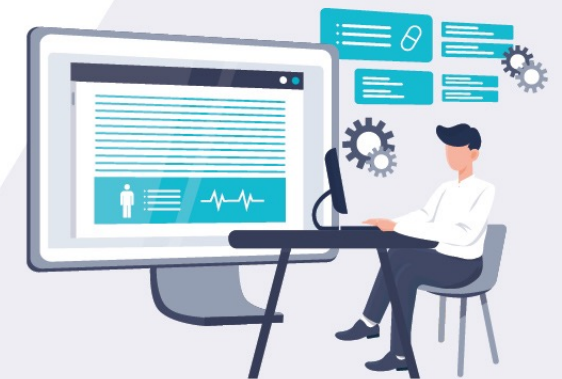
95%+
ACCURACY

Our technology solution extracts **over 17,000** medical data points with **95%+** accuracy



DigitalOwl

HOW WE DO IT



DigitalOwl

Visit date: 6/6/2000

Date of birth: 03/03/1980

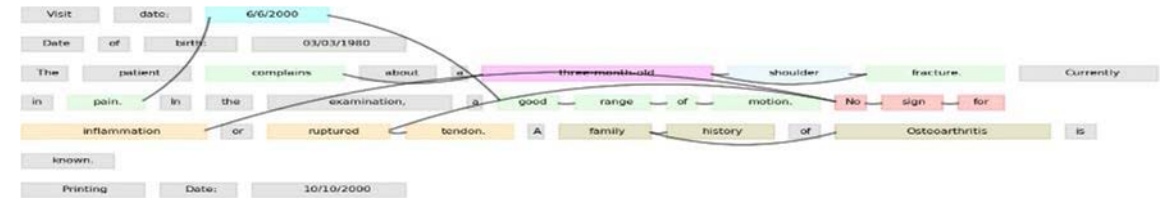
The patient complains of a **three-month-old shoulder fracture**. **Currently** in **pain**.

On examination, a good range of motion. **No sign of inflammation** or ruptured tendon. A **family history** of **Osteoarthritis** is known.

Printing Date: 10/10/2000

M. Brinkenhoff, M.D.


Thanks to a deep understanding of the medical text and relationships between extracted entities, our algorithm can answer the following:



- + When was the fracture diagnosed?
- + When did the patient complain of pain ?
- + What body part is experiencing pain?
- + Is the tendon ruptured, or was this diagnosis ruled out ?
- + Who suffers from Osteoarthritis?

DigitalOwl

HARNESS THE DATA. **EMPOWER YOUR TEAM.**

