# **DeepF**ørrest

# **AI-Powered Pharmacovigilance Solution**

Revolutionizing Pharmacovigilance with AI for Faster, Smarter Decisions

### Did you know?

Pharmaceutical companies review thousands of articles annually, with up to 30% of reports containing inaccuracies due to human oversight.



#### Challenge

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02

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- Manual Processing Overload
- Delayed Safety Signal Detection
- Regulatory Compliance Bottlenecks



#### Impact

- Increased risk of human error and inefficiencies.
- Slower response times in identifying adverse effects.
- Inconsistent reporting leading to potential non-compliance.

## The AI Revolution in Pharmacovigilance

Automates Literature Search & Review Reducing manual effort and accelerating decision-making.

**Enhances Accuracy** Al-driven validation minimizes errors and improves compliance.

### Scales with Demand

Adaptable to increasing volumes of medical literature.



### Pharmacovigilance Literature Search Assistant

Our Al-driven solution redefines literature search and analysis by leveraging machine learning and natural language processing to extract, classify, and validate critical data with unparalleled precision. By eliminating manual inefficiencies, it streamlines compliance workflows, accelerates decision-making, and enhances patient safety through proactive adverse event detection and reporting. Designed for scalability, it seamlessly integrates with existing pharmacovigilance processes, enabling organizations to stay ahead in an evolving regulatory landscape.

### Strategic Benefits of Our AI-Powered Literature Search Assistant

40% Faster Safety



# **Key Capabilities**



#### **Region-Based Validation**

Matches primary authors' addresses with predefined regulatory regions to ensure compliance.

#### **Efficient Information Retrieval**

Uses intelligent indexing for quick searches and targeted queries.

#### Accurate Classification

Identifies human case studies and differentiates them from animal studies, providing reliable validation reports.

### **Operational Advantages**



### **Success Story:** Transforming Literature Search for a Global Pharma Leader

#### **Business Situation:**

A leading pharmaceutical company struggled with the manual review of increasing scientific publications, leading to errors and delays in compliance.

#### Solution:

Implemented our AI-Powered Literature Search Assistant to automate data extraction, classification, and validation, ensuring regulatory compliance and operational efficiency.

**Outcomes:** 

70% Reduction in Manual Workload 40% Faster Safety Reporting Improved Data Accuracy & Compliance

Scalable & Continuous **Monitoring Framework** 

### Why Choose Us?



**Proven Expertise:** Successfully implemented in global pharma companies.



**Tailored for Life Sciences:** Built specifically to address pharmacovigilance challenges.



Cutting-Edge AI: Leverages AI and NLP for unparalleled precision.



**End-to-End Automation:** Automates every step from data extraction to validation.



**Dedicated Support:** Expert guidance throughout deployment and beyond.

### **Take the Next Step**

Transform your pharmacovigilance workflow with Al-driven precision and scalability.

Get in Touch

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