

DeepForrest

A CtrlS Company



AI-Driven Appointment Scheduling System

Smarter Scheduling, Better Care:
Redefining Healthcare Appointments with AI

In the fast-paced world of healthcare, every minute counts. Healthcare providers & diagnostic labs often grapple with the overwhelming task of managing bulk appointment requests that flood their inboxes daily. These requests come in various formats—Excel sheets, PDFs, DOCX files, or even plain emails, making manual processing a tedious and error-prone task.

Relying on human intervention to sort, interpret, and schedule these appointments not only consumes valuable administrative time but also increases the risk of errors, missed emails, and scheduling conflicts.



Time-Consuming Manual Processes

Handling numerous appointment emails manually is inefficient and error-prone.



Unstructured Data

Requests come in varied formats (Excel, PDF, DOCX) with incomplete or ambiguous information.



Complex Corporate Agreements

Managing multiple tests under different packages for corporate clients adds to the complexity.

These inefficiencies lead to scheduling delays, increased administrative workload, and potential errors in patient management.

Imagine a system that doesn't just manage these complexities but eliminates them altogether - an intelligent, automated scheduler that reads emails, extracts relevant data regardless of format, understands context even when details are vague, and books appointments seamlessly.

That's what our AI-Driven Appointment Scheduling System - AI Scheduler, is designed to deliver: **efficiency, accuracy, and peace of mind for healthcare providers**

01

Email Monitoring & Data Extraction:

Automatically triggers upon receiving appointment emails via Outlook or Gmail. Extracts data from both the email body and attachments

02

Data Structuring with AI:

Utilizes Large Language Models (LLMs) to convert unstructured data into standardized formats, identifying key details such as dates, package names, and patient information.

03

Smart Appointment Booking:

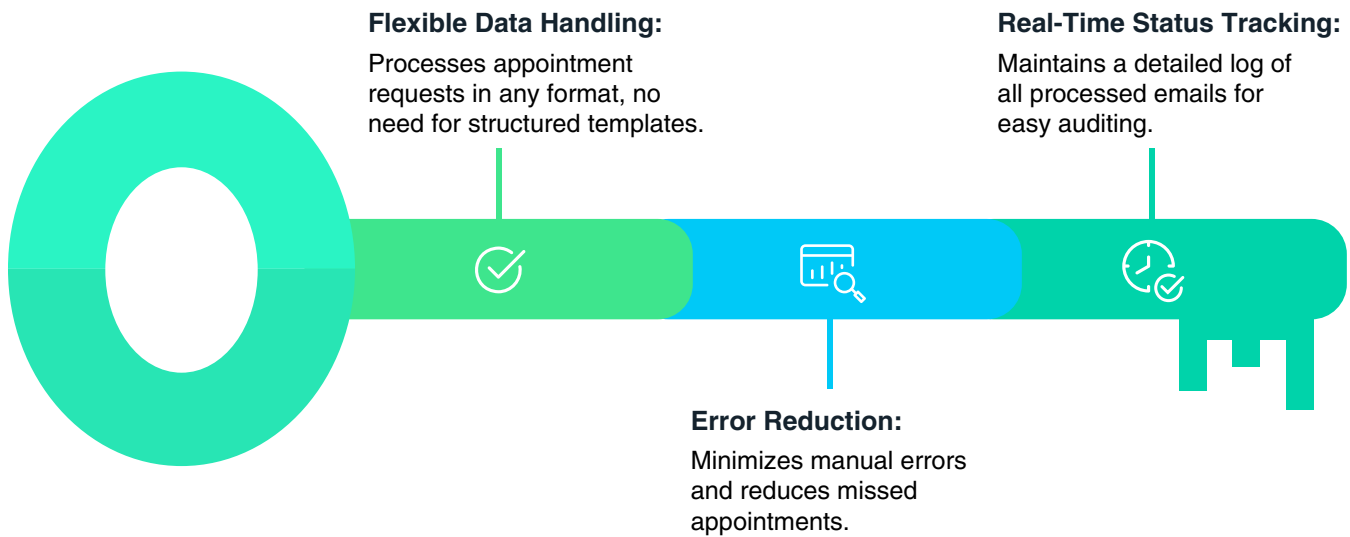
Integrates with hospital calendars (Google Calendar, Outlook) to book appointments. Suggests alternative slots if the requested ones are unavailable.

04

Automated Notifications:

Sends confirmation emails to patients, corporate clients, and respective hospital branches, ensuring seamless communication.

Key Capabilities



Case Study:

Transforming Appointment Scheduling for a Leading Hospital Network

Challenge:

A prominent hospital network faced challenges managing bulk appointment requests from corporate clients. Manual scheduling led to delays, missed emails, and inconsistent data handling.

Solution:

Integrated our AI scheduler with both Outlook and Gmail for seamless email

Automated data extraction from various document formats.

Deployed LLMs to structure data and accurately identify appointment

Implemented real-time appointment booking with automated confirmation emails.

Results:



X% Reduction in Manual Effort:

Freed up administrative staff to focus on patient care.



Improved Accuracy:

Drastically reduced scheduling errors.



Faster Turnaround:

Appointment requests processed within minutes instead of hours.

Why Choose Our AI Scheduler?



Enhanced Operational Efficiency:

Automate repetitive tasks, allowing staff to focus on critical functions.



Seamless Integration:

Works with existing hospital management systems and calendars.



Scalable & Secure:

Designed to meet the evolving needs of healthcare providers while ensuring data privacy.

Take the Next Step

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

Get in Touch



+91-7075947387



contact@deepforrest.ai



www.deepforrest.ai