



Elm In GITEX

2024

Our AI Solutions



Elm & AI

Staying true to our commitment to making life easier, Elm develops smart, flexible, and customizable solutions, whether by launching specialized digital initiatives or testing prototypes to meet client needs.

+45

AI Models

+50

Products

+170

Major
Projects

+15

Published
Papers

+25

Patents

+15

Sectors

Smart Assistant

Instant, Secure, Accurate Data

Experience seamless data and document analysis with our innovative tool. Engage with users through a dynamic, field-specific knowledge base that changes continuously, ensuring your solutions stay ahead in an ever-changing landscape.

Technologies Used:

Generative AI

Retrieval-Augmented Generation (RAG)

Specialized Large Language Models (LLMs)

This solution can be utilized in several sectors, including:

Judicial

Governmental Services

Financial

AI Financial Analyst

Smart Finance, Made Easy

A platform that leverages AI to analyze financial data, deliver actionable insights, and answer user queries. It continuously learns and adapts benchmarks performance and ensures accuracy by verifying sources and maintaining contextual understanding.

Technologies Used:

Generative AI

Large Language Models (LLMs)

This model can be used in many sectors, including:

Financial

Trade

Real estate

Legal Assistant

Quick Classification & Smart Interaction

A system that supports legal practitioners in searching for legal documents by automating the retrieval and classification of relevant legal cases.

Technologies Used:

Generative AI

Retrieval-Augmented Generation (RAG)

Specialized Large Language Models (LLMs)

This solution can be utilized in several sectors, including:

Judicial

Institutional

Financial

Governmental Services

AI Segmentation

Efficient Operations, Secure Digital Future

A versatile smart engine designed to enhance safety and boost operational efficiency, offering well-considered recommendations for early and proactive interventions with rapid time adaptation and instant analysis.

Technologies Used:

Large Business Models (LAMs)

Machine Learning

Large Language Models (LLMs)

:This model can be used in many sectors, including

Security

Health

Civil defense

Vehicle Price Indicator

Your Smart Guide to Vehicle

A platform that provides the indicative price for vehicles in the Kingdom using AI and machine learning techniques, by collecting all data from reliable sources, including vehicle prices, accident details, insurance validity, and technical and financial information.

Technologies Used:

Machine Learning

This solution can be utilized in several s, including:

Vehicles

Security
& Safety

Smart Code Control

One Click Unveils the Bug

An intelligent cybersecurity system that helps developers write safer code by continuously analyzing code with advanced AI models. It detects threats and provides immediate solutions, saving time and reducing risks.

Technologies Used:

Generative AI

Programming
Large Language
Models (LLMs)

This model can be used in many sectors, including:

Cybersecurity

Financial
Services

Commerce

Urban Landscape Platform

Smart Insights for Tomorrow's Cities

A platform for automating the detection of visual distortions in cities, revealing and automatically analyzing all environmental violations in coordination with relevant authorities to enhance urban landscapes, ensure city sustainability, and improve quality of life.

Technologies Used:

Edge computing

Computer Vision

This model can be used in many sectors, including:

Inspection

Municipal

Vehicle Smart Management

Saving Roads with Intelligence

A platform for analyzing transportation data to assess risks, understand driver behavior, and enhance road safety. It helps delivery companies predict order locations and times and improves logistics with predictive models and real-time data.

Technologies Used:

Machine Learning

Predictive AI
Models

This model can be used in many sectors, including:

Logistics

Transportation

Security
and Safety

E-Commerce

Digital Twin

Digital simulation enhances reality.

A digital representation using satellites and 3D maps to create a virtual version of reality that accurately reflects locations and their structures down to the centimeter with precise simulation.

Technologies Used:

Computer Vision

Machine Learning

This model can be used in many sectors, including

Housing

Sports

Healthcare

Industrial

Tourism and
entertainment

Automotive
Vehicles



About Elm

For over three decades, Elm has placed smart living at the core of its identity and vision; as we don't wait for the future—but bring it closer. By identifying opportunities in promising markets, we design integrated digital solutions that span across all sectors. Our goal is to create a connected ecosystem of services and data that makes life simpler for everyone.

Vehicles Solutions

Reliable vehicle reports
for assured purchases

Seamless digital access to
top vehicle repair services

Fast, secure
digital leasing

Comprehensive market data
for informed vehicle decisions

+1.5M

Vehicle Reports

+4.5M

Repair Authorizations

Insurance & Finance

Securing the exchange
of goods through reliable
digital mediums

Integrated data on a single
platform for informed
decision-making

Optimized governance processes for financial transactions

+7M

Verifications

+3M

Transactions

Digital Identifiers

Instant verification
using reliable database

Automated alerts through
a system that monitors
data to prevent fraud

Risk evaluation using digital identifiers

+3B

Verification
Transactions

+60M

Status Change
Alerts

Security Solutions

Integrated digital platforms
for secure e-services

Smart tools for workforce
and resident management

Automated IoT alerts to prevent unauthorized access
and report issues

+45 Million

Digital Permits

+5 Million

Automated Security Measures

Health Systems

Digitally transformed
prescriptions for easy use

Enhanced digital experience
with academic integration

Automated management of healthcare activities

+260K

Digitally Registered
Drug Bulletins

+10K

Connections with Health
Training Entities

Logistics Services

Track shipments digitally
from dispatch to delivery

Streamlined import
and export at ports

Digitized invoicing
and payments for faster
transactions

Online portals
for managing fleets

+6M

Digital Port Permits

+230M

Digital Tracking

Business Expansion

Request experts
and handle related
financial transactions

All-in-one digital travel
experience that includes
planning booking and
transportation

Business services through integrated digital platforms.

+250M
Transactions

+5K
Certified Experts

Data Management

Robotic Process Automation
to increase the efficiency
and accuracy of repetitive
processes

Electronic Scanning to
collect and sort data

Smart Assignment of tasks
and activities to employees
based on locations

Managed IT Services to
power clients' tech
ecosystem with expert care

+150K

Data Sorted

+100K

Smart Assignment

