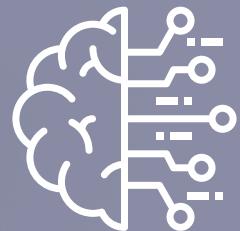
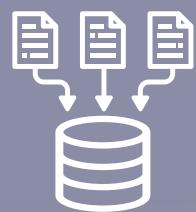


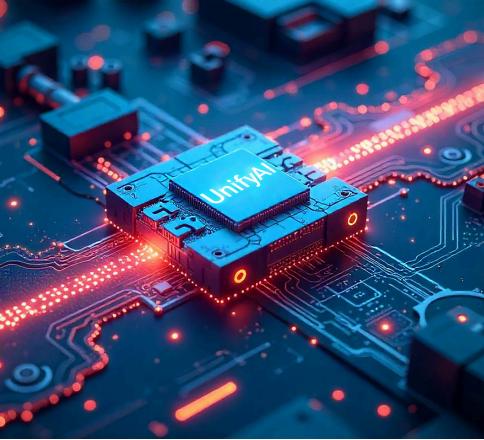
AI/ML Use Cases

The OS for AI

Launch AI in days. GenAI in hours.



Transforming Insurance AI through AI/ML Capabilities:



While insurers are adopting AI, few have unlocked transformative value at scale. The key is moving beyond fragmented pilots to an enterprise-wide strategy. **insurAInce, powered by DSW UnifyAI**, provides the core infrastructure to unify business functions and data, eliminate silos, and run large AI models seamlessly. By putting AI at the center, insurers can transform operations—from precise risk mitigation and fraud detection to efficient claims processing and personalized services.

Explore 25+ proven AI/ML use cases to drive exponential productivity across your enterprise:



Customer Experience (CX)

Customer Churn Prediction

Identify policyholders likely to cancel their policies.

Policy Renewal Propensity

Predict whether a customer will renew their policy.

AI Based Customer Segmentation

Categorization of customers based on the policy.

Employees Retention & Churn Prediction

Classify employees into Churn/Retention.



Automation Ops

Early Claim Prediction

Predict if a policyholder will file a claim within the first few months.

Prediction Maintenance for Insurers

Predict vehicle failures and reduce claims risk.

Hospital Readmission Prediction

Classify policyholders based on the likelihood of being readmitted.

Realtime Risk Prediction

Predict whether a policyholder will stop paying premiums.



Underwriting

Automated Underwriting Risk Assessment

Classify policy applicants based on their risk levels.

Property Fire Risk Classification

Predict whether a property is at high or low risk for fire incidents.

Personalized Policy Pricing

Prediction of policy premium for customers.

Medical Condition Risk Segmentation

Classify policyholders based on high-risk medical conditions for better risk pricing.



Claims Processing

Health Insurance Claim Denial Prediction

Predict if a claim will be denied.

Severity-Based Claim Triage

Classify claims as low, medium, or high severity for faster processing.

Anomaly Detection in Claims Processing

Identify unusual claim patterns for further investigation.

Predictive Maintenance for Insurers

Predict vehicle failures and reduce claims risk.

Delayed Claim Settlement Prediction

Classify claims based on the likelihood of delayed processing.



Fraud Detection

Claims Fraud Detection

Classify insurance claims as fraudulent or genuine.

Fraudulent Claims Detection

Identify fraudulent motor insurance claims.

Beneficiary Fraud Detection

Identify suspicious beneficiaries in life insurance claims.



Sales

Lead Conversion Prediction

Classify leads as likely or unlikely to purchase a policy.

Agent Performance Classification

Categorize insurance agents based on their sales performance.

Sales Agent Confidence Score Prediction

Agent confidence score prediction based on number of customers onboarded.

Vehicle Policy Plan Recommendation

Suggest the best insurance plan based on vehicle type, usage, and driver risk profile.

Policy Plan Recommendation

Classify customers into suitable insurance plans based on their risk profile, demographics, and needs.

Sales Attrition

Classify Sales agent in to attrition.



Early Prediction

Early Claims Prediction

Predict if a policyholder will file a claim within the first few months.

Hospital Readmission Prediction

Classify policyholders based on the likelihood of being readmitted.

Realtime Risk Prediction

Predict whether a policyholder will stop paying premiums.

Predictive Maintenance for Insurers

Predict vehicle failures and reduce claims risk.

The OS for AI

Launch AI in days. GenAI in hours.

www.datasciencewizards.ai

contact@datasciencewizards.ai

DSWUnifyAI

— The Enterprise AI Platform —

DSWinsurAInce

— Purpose-built Solution for Insurers —

Data Science Wizards (DSW) UnifyAI Standard Copyright and Disclaimer Notice:

Copyright ©2025. All Rights Reserved for DSW UnifyAI documents and software code. Under no condition is the DSW UnifyAI architecture, blueprint, code and its documentation to be modified, copied, shared, or redistributed. Contact DSW representative to get more info on subscription for production setup.