



30 Decisions you can automate with AI across industries

Industry	Decisions	Predictions
Agriculture	Crop Yield Forecasting	Prediction of expected crop yield based on climate and soil data
Automotive	Vehicle pricing	Prediction of potential damages and their corresponding impact on price
Banking	Loan Approval	Prediction of applicant creditworthiness through financial history analysis
Construction	Equipment Maintenance	Prediction of equipment failure through condition monitoring
E-commerce	Newsletter Personalization	Prediction of customer preferences and product recommendations
Education	Course Planning	Forecast of enrollment trends and student interest
Energy	Grid Management	Forecast of energy demand and supply across various regions
Fashion	Trend Forecasting	Prediction of emerging fashion trends based on social media analysis
Finance	Fraud Detection	Identification of unusual transactional patterns indicating potential fraud
Food & Beverage	Quality Control	Prediction of defects in manufacturing processes through image analysis
Healthcare	Patient Diagnosis	Prediction of disease probability based on symptoms and patient history
Hospitality	Room Pricing	Prediction of booking demand and competitive pricing strategies
Human Resources	Employee Attrition	Prediction of employees likely to leave based on work patterns
Insurance	Claims Processing	Prediction of fraudulent claims through anomaly detection
Legal	Contract Review	Prediction of risk factors in contracts through text analysis
Logistics	Supply Chain Optimization	Forecast of supply chain disruptions and mitigation strategies
Manufacturing	Production Scheduling	Forecast of optimal production timelines and resource allocation
Marketing	Campaign Optimization	Prediction of customer response rates to different marketing strategies
Media	Content Recommendation	Prediction of user preferences for personalized content delivery
Pharmaceuticals	Drug Development	Prediction of promising drug candidates through compound analysis
Public Sector	Resource Allocation	Prediction of areas requiring emergency response during disasters
Real Estate	Property Valuation	Prediction of property market values based on location and market trends
Retail	Inventory Management	Forecast of product demand trends for each store location
Retail	Customer Segmentation	Prediction of customer groups with similar buying behavior
Security	Cyberattack Detection	Prediction of potential cybersecurity threats through network analysis
Sports	Performance Analysis	Prediction of athlete performance based on historical and current data
Telecommunications	Customer Churn Management	Prediction of customers likely churn / switch to competitors
Transportation	Route Optimization	Prediction of traffic congestion and optimal delivery routes
Travel	Itinerary Planning	Prediction of optimal travel routes based on real-time data
Utilities	Preventive Maintenance	Prediction of equipment faults through predictive analysis