

AI in Marine Insurance Future of Smarter Risk, Faster Claims & Safer Shipping



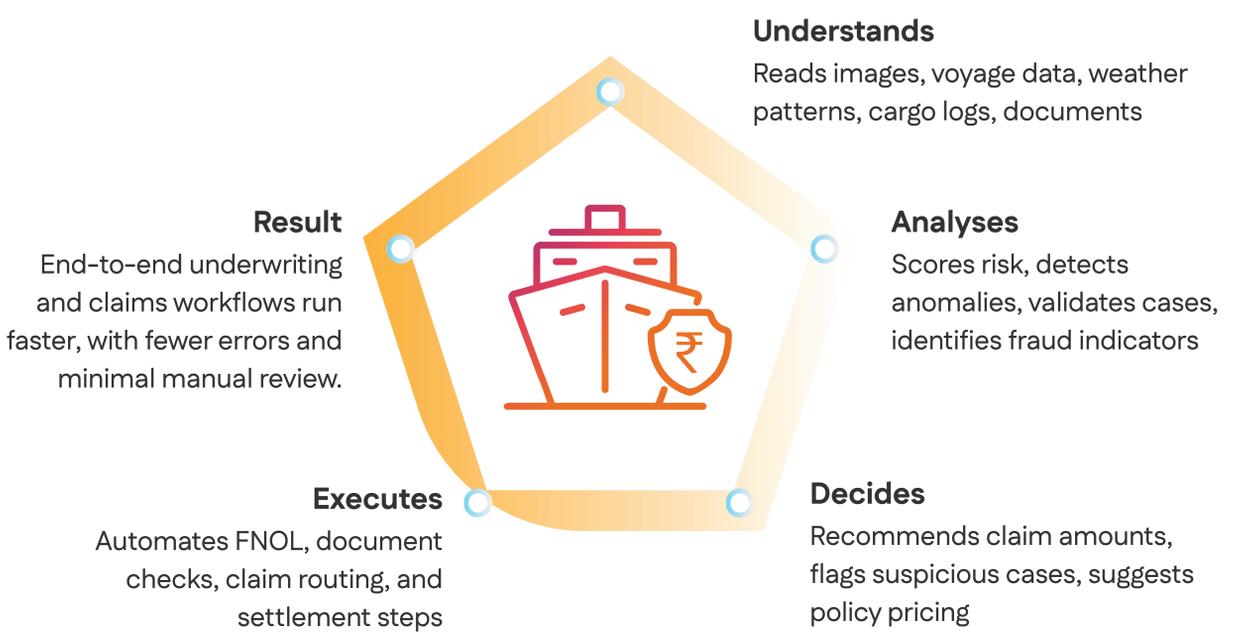
Marine insurance is entering a new era where AI replaces slow manual checks, reactive decisions, and weeks-long claim cycles. With real-time vessel data, computer vision, and predictive analytics, insurers can now assess risks accurately, detect fraud early, and process claims in hours instead of weeks. This shift is helping marine insurers improve underwriting margins, reduce losses, and deliver faster, transparent customer service across global shipping operations.

How Marine Insurance Is Evolving

Manual → Data-Driven → AI-Powered

- **Manual Era:** Human inspections, paper-heavy processes, delayed claim decisions
- **Data-Driven Era:** Digital logs, GPS data, basic automation, reactive operations
- **AI-Powered Era (Today):** Predictive risk scoring, real-time vessel monitoring, automated claims, computer vision-based assessments
- **Outcome:** Marine insurance moves from reactive to predictive, reducing losses before they occur.

What AI Actually Does in Marine Insurance



Why Insurers Are Moving from Traditional to AI-Driven Operations



Did You Know?



- » Market rising from **\$32.31B → \$46.13B by 2032**
- » **42%** of marine insurers use AI for faster claims & fraud detection
- » **38%** use IoT + AI for real-time cargo monitoring
- » Predictive analytics reduces fraud & premium leakage by up to **30%**
- » AI-based computer vision cuts inspection time by **70–90%**

How Marine Insurers Can Get Started With AI



Tips for Leaders in Insurance

- » Prioritise computer vision for faster inspections and touchless claims; it removes bottlenecks and improves transparency.
- » Combine AI + automation, not just one; AI analyses, automation executes, giving you complete end-to-end workflow efficiency.
- » Build an AI governance framework to ensure data quality, model accuracy, and compliance with maritime regulations.
- » Scale gradually, start small, measure outcomes, then expand into fraud detection, pricing, and risk scoring.