

Machine Learning in Finance: \$10 Trillion Market Impact

Key Statistics

- 75% of trades algorithmic
- 40% cost reduction in ops

Core Technologies

- Deep Learning • XGBoost
- Reinforcement Learning • NLP

Trading & Execution

Algo Trading

Market Making

\$2500B

Operational Risk

Risk Management

Credit Risk

\$1800B

Portfolio Management

Factor Models

Optimization

\$2100B

Robo-Advisors

Banking & Lending

Smart Routing

Loan Approval

Collections

\$1500B

Pricing

Fraud & Compliance

Liquidity

KYC

Credit Scoring

Transaction Monitoring

\$800B

AML

Cyber Security

Insurance

Allocation

Claims

Pricing

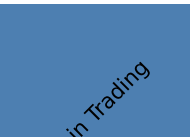
\$1300B

Underwriting

Risk Assessment

Annual Growth Rates

45%



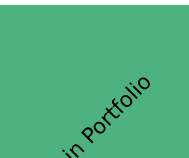
ML in Trading

38%



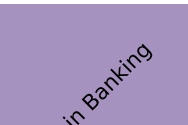
ML in Risk

52%



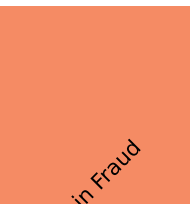
ML in Portfolio

41%



ML in Banking

67%



ML in Fraud

35%



ML in Insurance