

Machine Learning in Finance: \$10 Trillion Market Impact

Key Statistics

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

Trading & Execution

\$2500B

Market Making

Algo Trading

Risk Management

\$1800B

Credit Risk

Operational Risk

Liquidity

Fraud & Compliance

\$800B

Cyber Security

KYC

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

Core Technologies

- Deep Learning • XGBoost
- Reinforcement Learning • NLP

Portfolio Management

\$2100B

Factor Models

Robo-Advisors

Allocation

Claims

Insurance

Underwriting

\$1300B

Risk Assessment

Collections

Pricing

Credit Scoring

Transaction Monitoring

AML

Pricing

Underwriting