

## Make A Quantum Leap In Your Investment Performance

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**Investment professionals have a fiduciary duty to analyze both the upside potential of a stock and its downside risks. And the most reliable method to fulfill this responsibility is by using data sciences, statistics and AI.**

### Vital Questions for Statistical Analysis:

#### 1. Price Movement Probability:

- What's the statistical frequency of price increases vs decreases?
- How often do similar stocks move up/down in comparable market conditions?
- What's the historical volatility and price distribution?

#### 2. Magnitude Assessment:

- What's the average size of upward vs downward moves?
- What are the maximum historical gains/losses?
- How do earnings/revenue changes correlate with price changes?

#### 3. Risk Analysis:

- What's the current NPV vs Market Cap ratio?
- How leveraged is the balance sheet?
- What's the cash burn or generation rate?

### Current AI Adoption Barriers:

1. Traditional reliance on human analysts
2. Limited awareness of AI capabilities
3. Resistance to quantitative approaches
4. Investment industry inertia

### Expected Timeline for AI Adoption:

- Institutional investors: Already beginning
- Financial advisors: 2-3 years
- Retail investors: 3-5 years for widespread adoption

### Three important facts for fiduciaries:

- 1) Without statistical analysis of both upside and downside scenarios, ***investing becomes speculation*** rather than calculated risk-taking.
- 2) Data sciences and AI tools can process vast amounts of historical data to generate these probabilities, ***making them invaluable for risk assessment.***
- 3) Data science will add tremendous value to your clients' portfolios, your bottom line and both you and your clients' peace of mind.