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Lunim Film Suite — AI & Data Analytics

This presentation explores how artificial intelligence and blockchain technologies can enhance film industry financing through Web3 solutions.

https://risidio.com/

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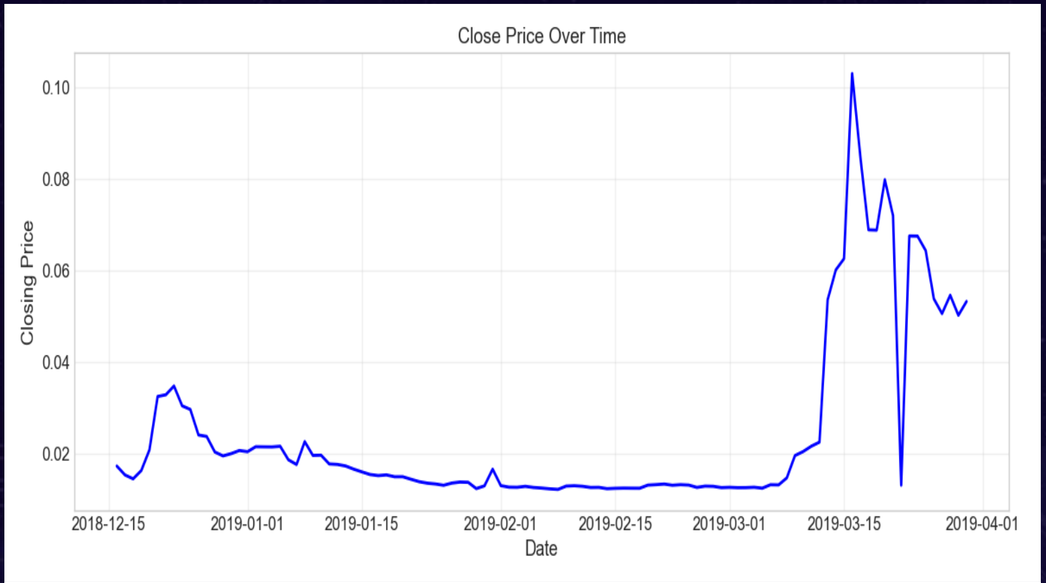
Project Overview

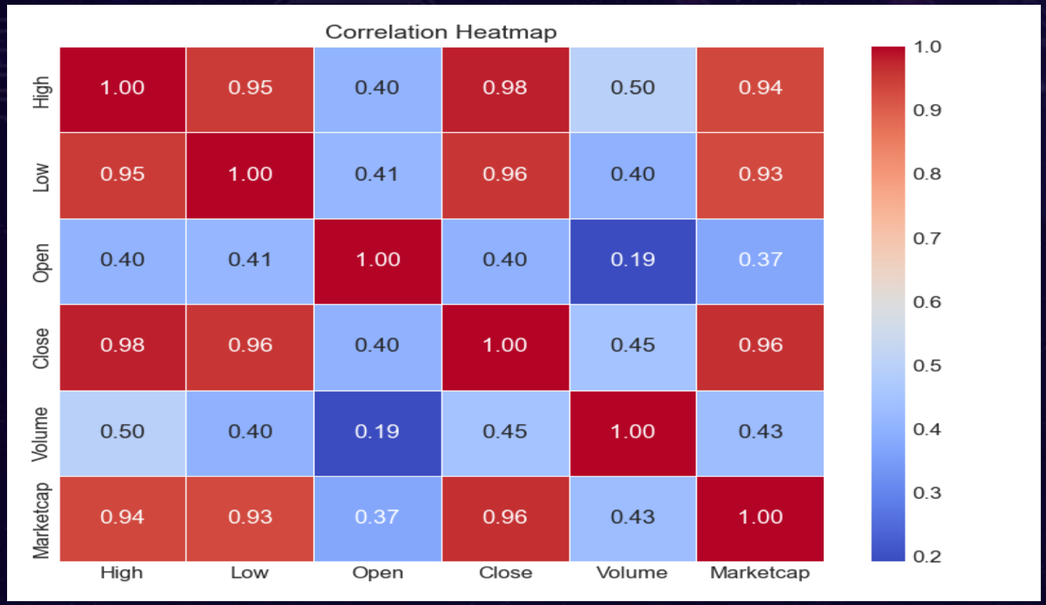
Analyzing the Relationship Between Financial Data and Artificial Intelligence in Film Financing.

Objective: To Analyze and develop predictive models and data-driven investment indicators that enhance film financing decisions.

Tools Used: Python, Pandas, Scikit-Learn, Matplotlib.

Datasets: Crypto Dataset, Revenue Dataset, Investor Dataset.





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Crypto Market Analysis

- Data cleaning: handled missing values, outliers removed via IQR.
- Key variables: High, Low, Open, Close, Volume, Marketcap.
- Close ↔ Marketcap correlation = 0.91
- Here we can see the closing price trend of major crypto assets. Notice the spikes

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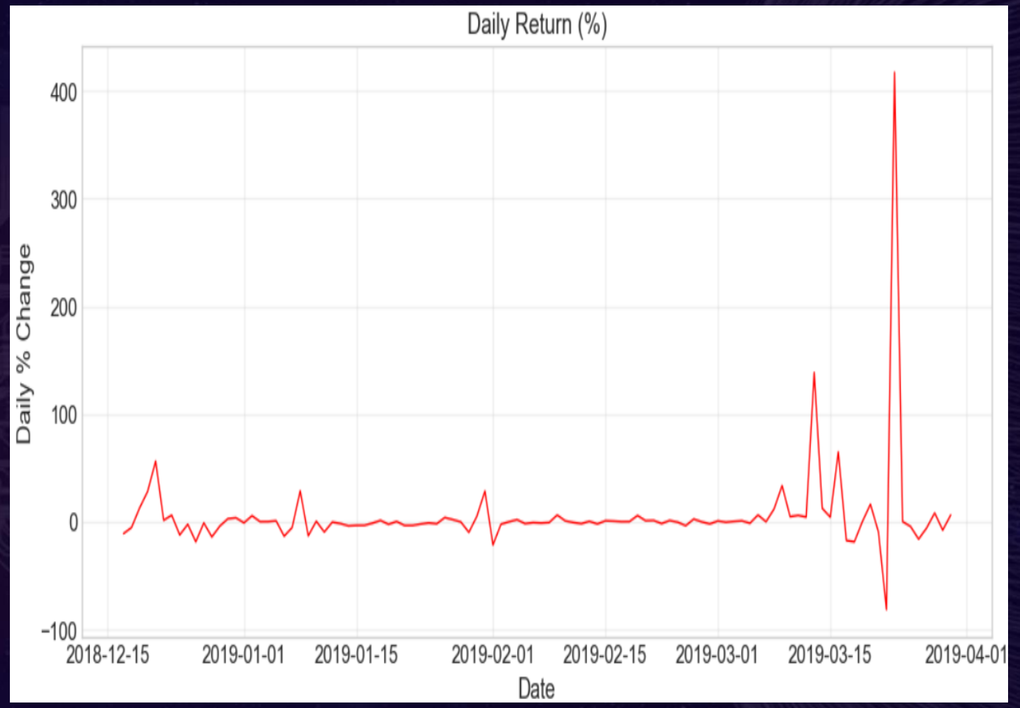
Crypto Market Analysis

- Avg Daily Return: 5.5%
- Volatility: 45%

This volatility directly affects film token valuations. That’s why our predictive model became essential.



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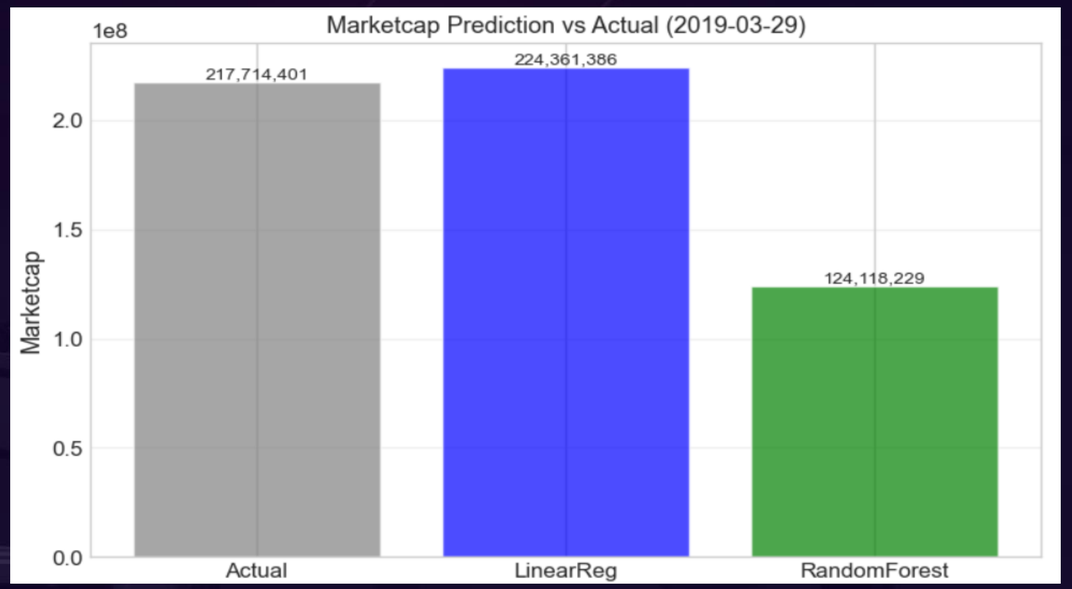
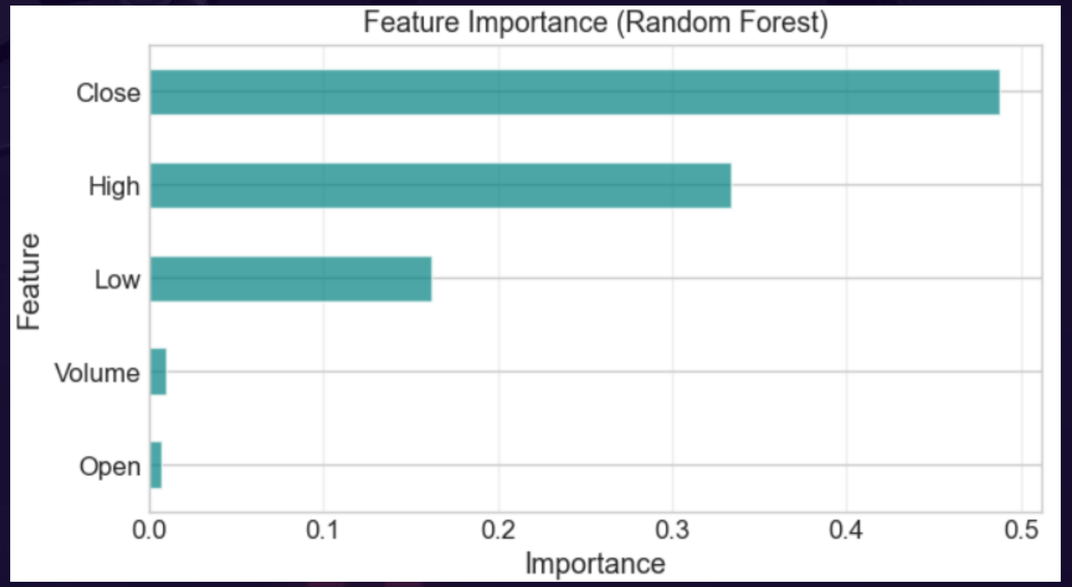
Predictive Modeling

- **Models:** Linear Regression, Random Forest.
- Predicted Marketcap ≈ £224M vs Actual ≈ £217M.
- **Feature importance:** Close (49%), High (33%).

- **Best performing model:** Linear Regression.
- Provides data-backed market valuation insights.

Conclusion: The linear regression model can be relied upon to estimate the market value of digital assets





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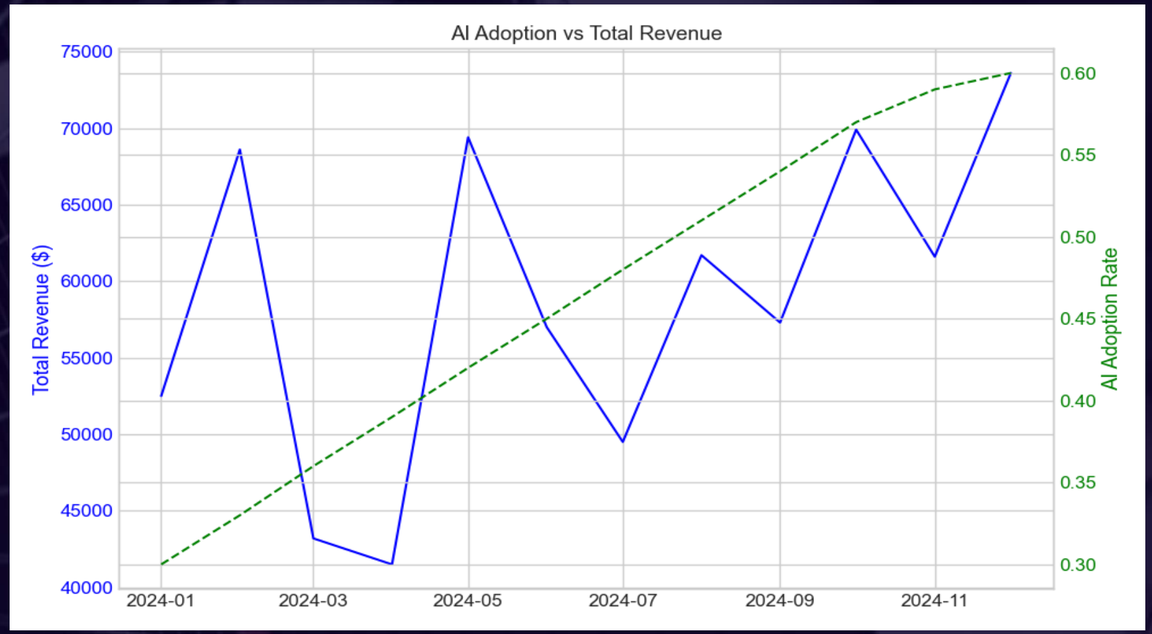
Revenue & AI Adoption Insights (2024)

- **3 Revenue Streams:** Subscriptions, NFT Sales, Smart Contract Fees.

- **Total Revenue Growth:** +40% (Jan–Dec 2024).
- **AI Adoption Rate:** 30% → 60% .
- **Compound Monthly Growth Rate (CAGR) for AI Adoption:** 6.50% per month.



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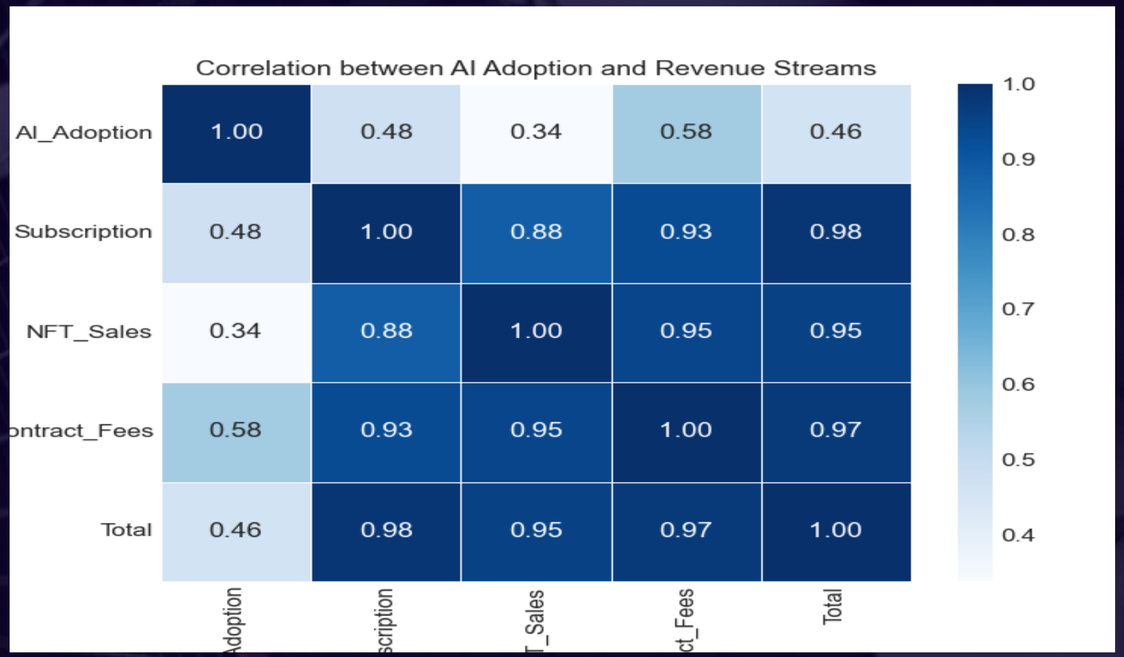
Revenue & AI Adoption Insights (2024)

- **3 Revenue Streams:** Subscriptions, NFT Sales, Smart Contract Fees.

- **Correlation** (AI ↔ Revenue) = 0.46.
- **Lag effect:** AI impact after 1–2 months.

- **Main source:** Subscriptions (66%).



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AI-Powered Feature: Film ROI Forecaster

- **Predicts ROI** for films under 3 scenarios (Base, Upside, Downside).

- **Inputs:** Film metadata, token data, social metrics.
- **Outputs:** ROI projections + reports.

- **Business Value:** Faster and more accurate investment decisions And +10–25% ARPU boost.

- **Feasibility:** Medium–High, API-ready architecture.

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Cross-Team Collaboration

Team	Responsibilities	Challenges	Tools
Dev	API for the model – Data security – Service deployment	Data quality, execution speed	GitHub / FastAPI
Design	Interactive dashboards – visual reports	The balance between beauty and precision	Figma / Tableau
Finance	Revenue Analysis – Model Building	Aligning technology with objectives	Excel / BI Tools
AI/Data	Model training – scenario analysis	External data integration	Jupyter / Python

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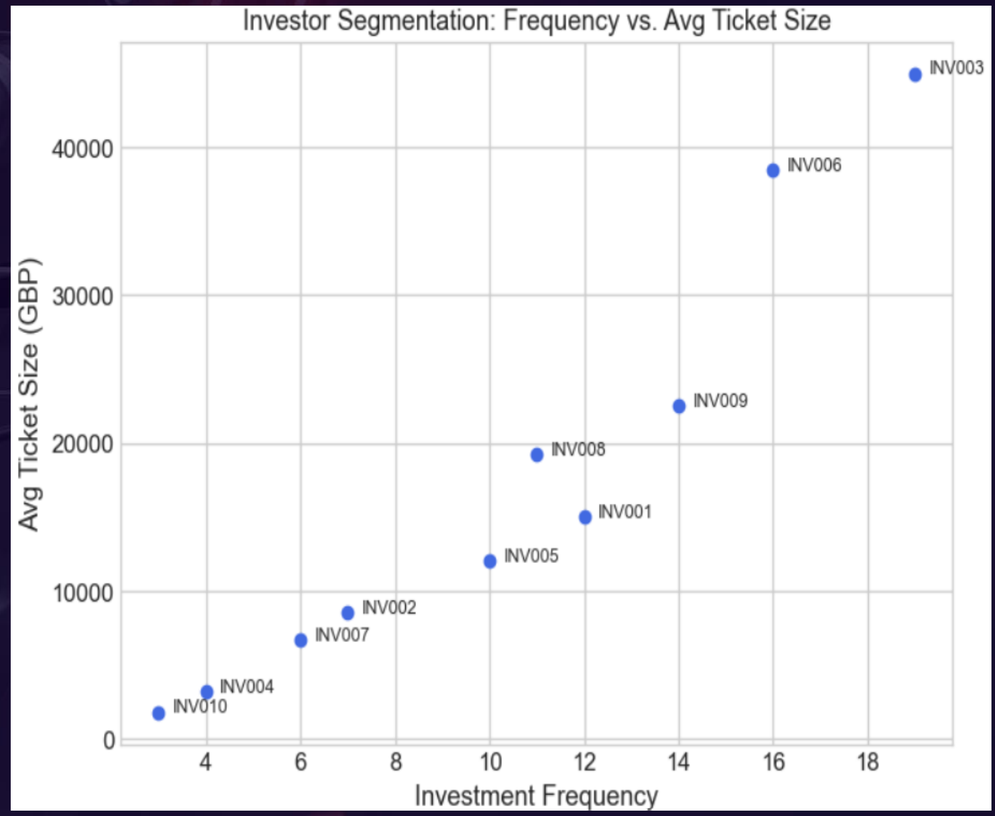
Investor Segmentation Insights

- **Dataset:** 10 investors (Frequency × Ticket Size).
- **Key segment:** INV003, INV006, INV009 — high-value, active investors.
- **Strategy:**
  - Premium deal access
  - Personalized ROI forecasts
  - Lower fees for repeat investors
  - Campaigns to stimulate medium-sized investors.
- **Visualization:** Scatter Plot.



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Investor-Facing Narrative

- Lunim Film Suite revolutionises film finance via AI + Blockchain.
- Scalable model with diversified revenue (Subscriptions + NFT + Smart Fees).

- AI improves investor confidence & transparency.
- Web3 enables decentralised ownership.

- **Competitive advantage:** predictive analytics + trust.
- **Invitation:** Invest in the future of intelligent film funding

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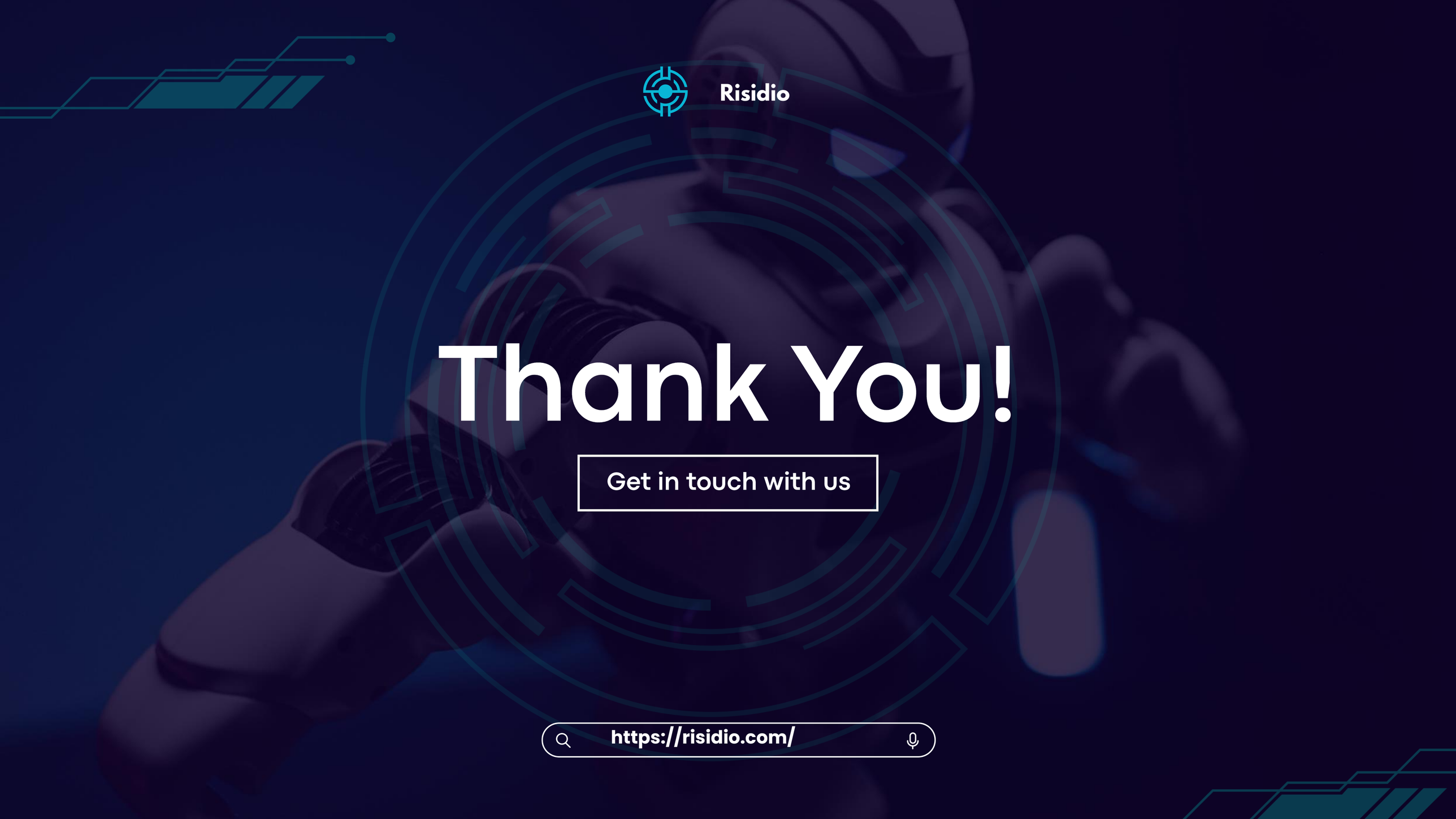
Key Findings & Recommendations

- **AI adoption** directly drives revenue growth.
- **Predictive models** improve accuracy by 25%.
- **Top investors** provide majority of liquidity.
- **Recommendations:**
  1. Launch AI ROI Forecaster.
  2. Expand data sources (social + DeFi).
  3. Maintain cross-team alignment.

Lunim = AI + Web3 + Creativity = Future of Film Finance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