# Agentic Financial Analytics Project

Leveraging AI for Real-Time Financial Decision-Making.

**GROUP 7**
Mukesh Khemani
Mihir Kumar
Ayush Sati
Aayush Parashar
Pranjal Grover

# Multi-Agent Architecture

## Web Search Agent

Sources financial news (Bloomberg, Reuters, Yahoo Finance) using DuckDuckGo.

## Financial Agent

Retrieves financial metrics such as stock prices and analyst recommendations.

# Technical Stack

1

## PHI Data Agent Framework

Modular design for scalability and maintenance.

2

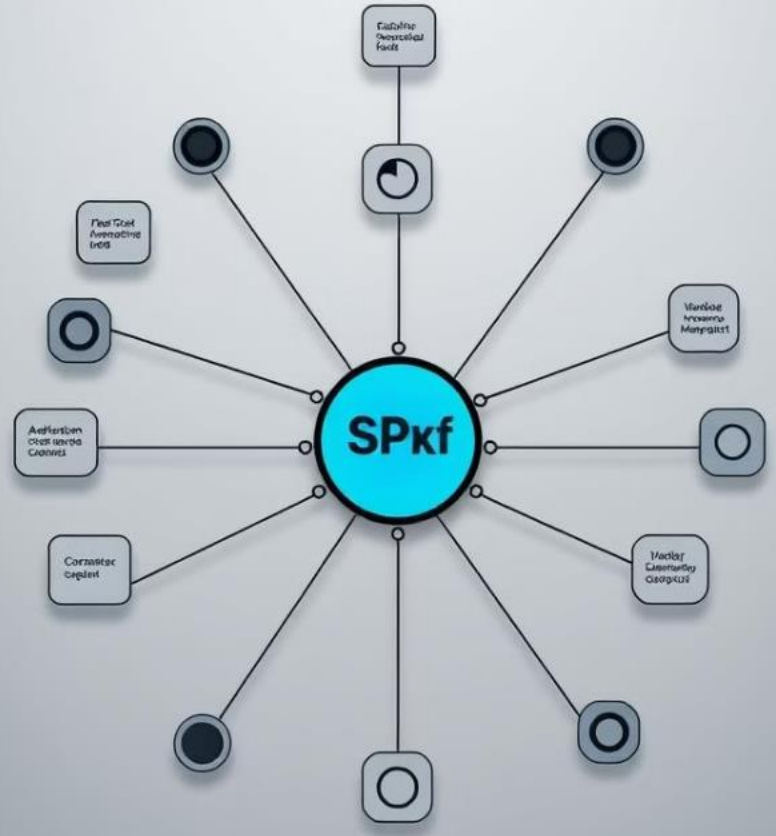
## Groq API & Llama Models

Power advanced natural language processing.

3

## Third-Party Tools

DuckDuckGo and YFinance.



# Enhanced Decision-Making Making

1 **Actionable Insights**

Clear recommendations based on current market trends.

2 **Efficiency**

Automated data synthesis synthesis speeds up analysis.

3 **Scalability**

Modular design supports future integrations.

# Strategic Impact

### Empowers Investors Investors

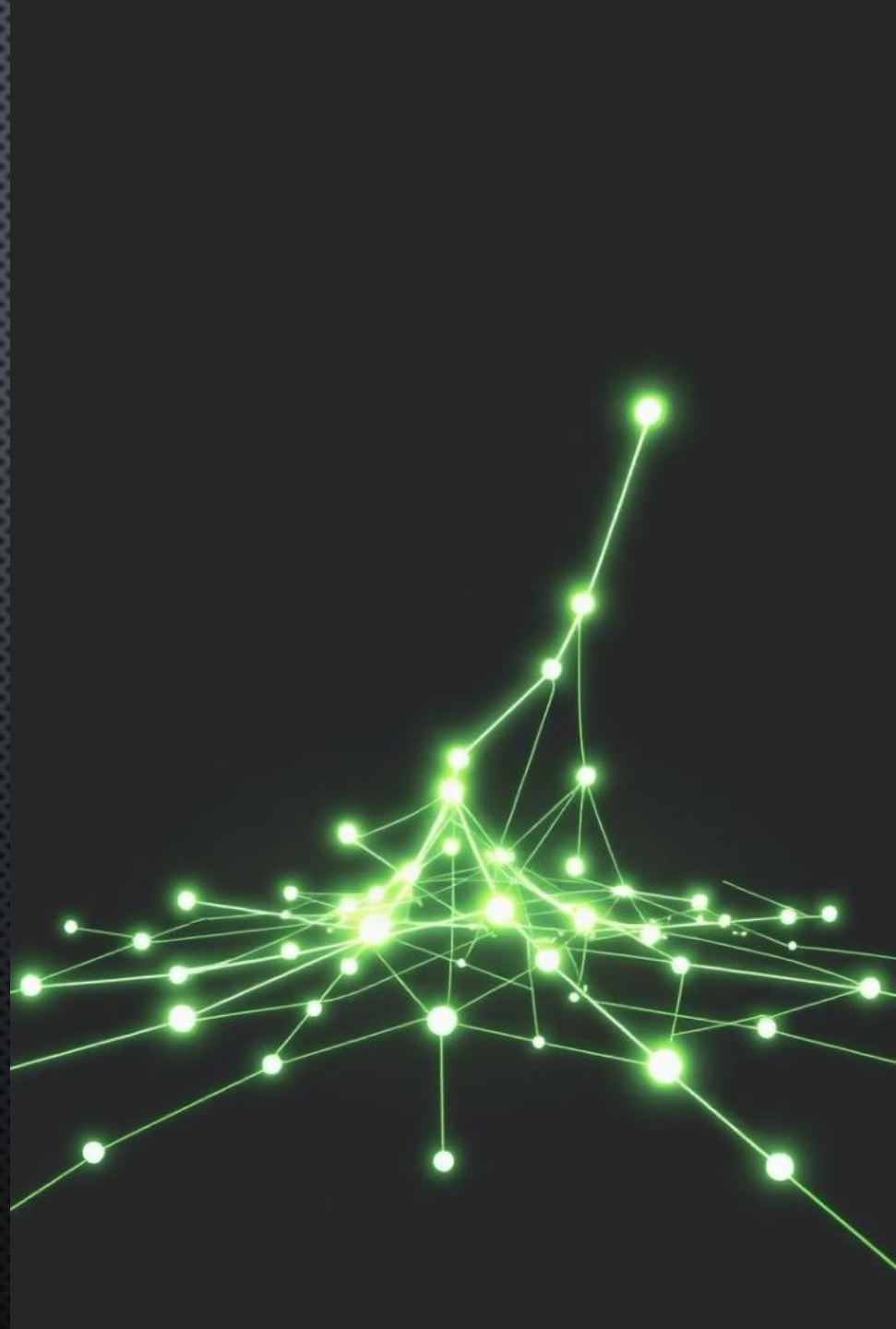
With rapid, reliable insights.

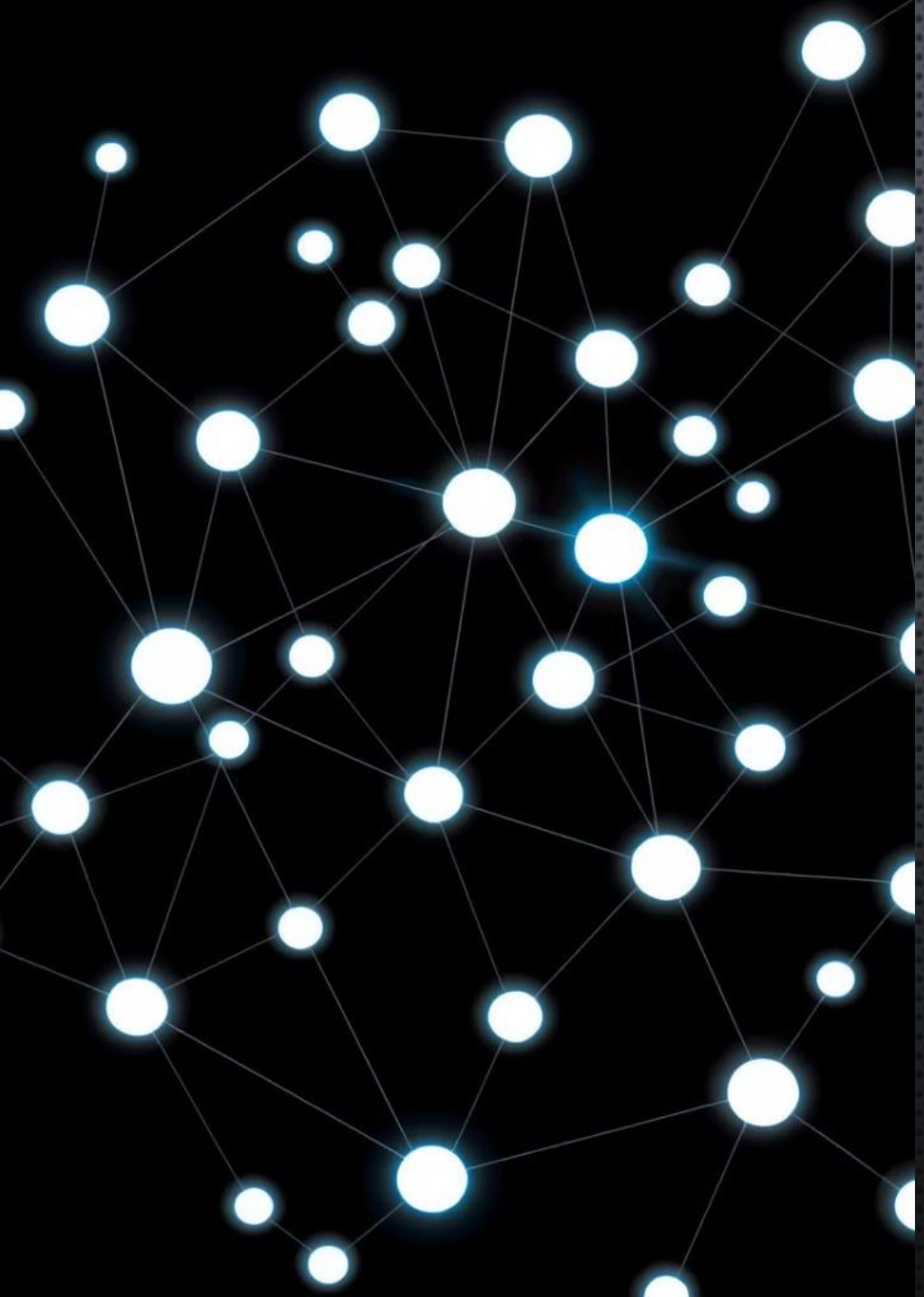
### Faster Decisions

More informed decision-making.

### Risk Management

Better identification of of risks and opportunities.





# Key Takeaways

## Transformative AI

For financial analytics.

## Merges News

With robust financial data analysis.

## New Standards

Data-driven investment strategies.

# Strategic Benefits

Informed Decisions

Rapid Insights

Risk Management

Future-proof platform that adapts to financial challenges.

Q&A / Contact Information upon request.

# THANK YOU