

Stock price prediction



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Introduction



Approach



Technical steps



Reference

Content

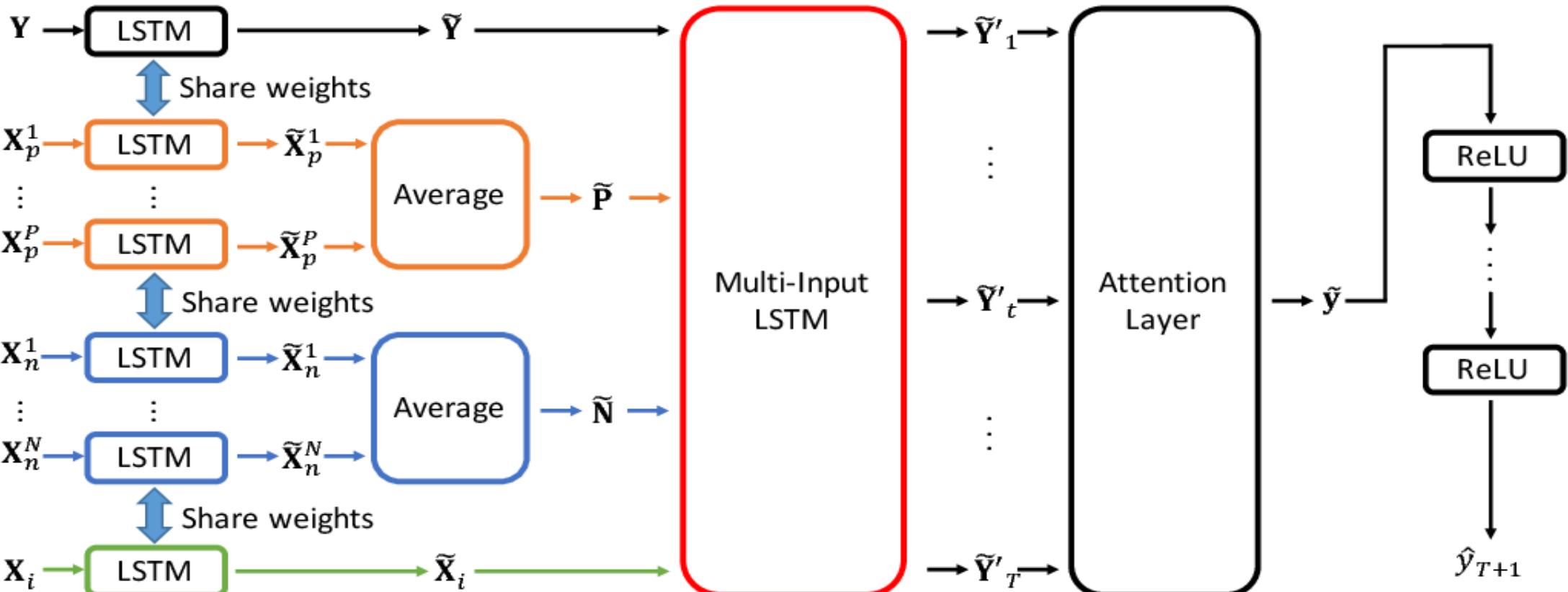
Introduction

- ▶ **Problem Statement:** To predict stock prices based on news articles
- ▶ **EMH (Efficient Market Hypothesis)** – Stocks can't be predicted based on historical prices.
- ▶ **Stocks**
 - ▶ DJIA (Dow Jones Industrial Market Average) stock indices
- ▶ **News articles**
 - ▶ Show current market conditions about all the companies
- ▶ **Machine Learning**
 - ▶ Various algorithms



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Approach

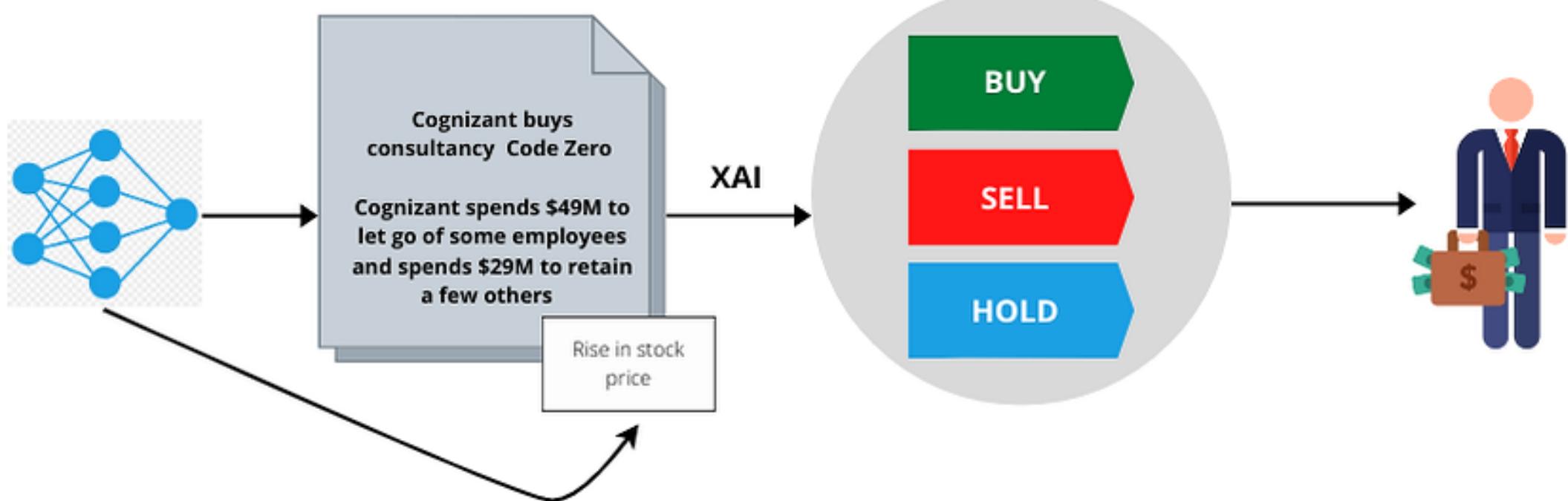


Model

Data & Prediction

Explainer

Human makes decision





Price Action

[prīs 'ak-shən]

The movement of a security's price plotted over time.



Stock Option

[*'stäk 'äp-shən*]

A financial instrument that gives its owner the right, but not the obligation, to purchase a given asset at an agreed-upon price and date.

Over-the-Counter

[*'ō-vər thē 'kaun-tər*]

A marketplace in which the participants' trades are carried out by a network of dealers or by the trading parties themselves.





Employee Stock Option (ESO)

[im-,plō(i)-'ē 'stäk 'äp-shən]

A type of equity compensation granted by companies to their employees and executives.



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Stock price = Stock price

stock market is a public market where you can buy and sell shares for publicly listed companies. The stocks, also known as equities, represent ownership in the company. The stock exchange is the mediator that allows the buying and selling of shares.

- Importance of Stock Market
- Stock markets help companies to raise capital.
- It helps generate personal wealth.
- Stock markets serve as an indicator of the state of the economy.
- It is a widely used source for people to invest money in companies with high growth potential.



Conclusion

- Finance and trade: A cross-country empirical analysis on the impact of financial development and asset tangibility on international trade.
- Reliable estimation of peak left ventricular systolic pressure by M-mode echographic-determined end-diastolic relative wall thickness: identification of severe valvular aortic stenosis in adult patients.
- The impact of stock market performance upon economic growth.



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Thank You



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