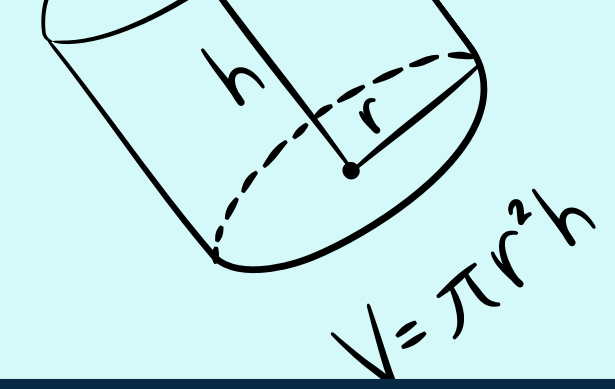


$$\sin(\theta) =$$



$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Stock Market Predictor

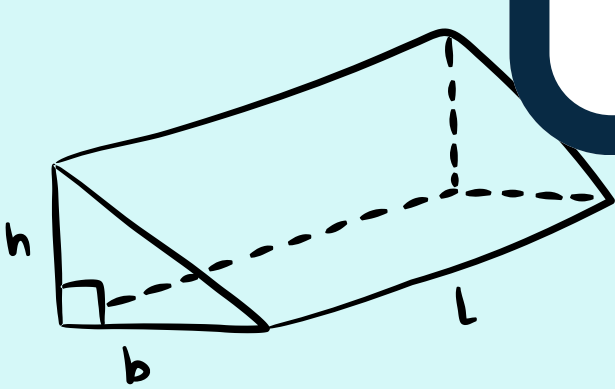
By:

WOLF STREET

$$y = mx + b$$



$$V = \frac{4}{3} \pi r^3$$



$$V = \frac{1}{2} bhl$$

$$\frac{x}{a} + \frac{y}{b} = 1$$

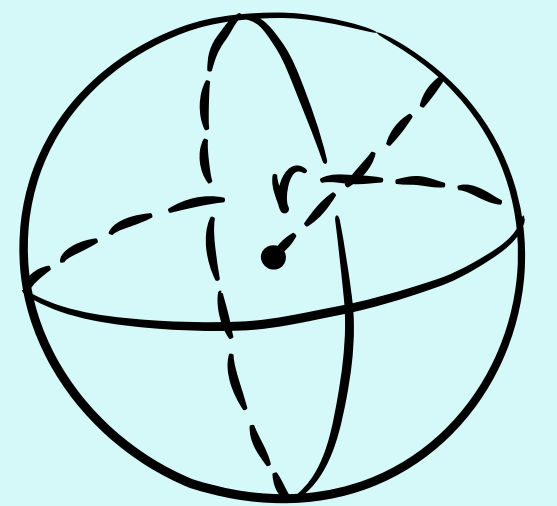
$$ax^2 + bx + c = 0$$

OUR CREW

- Arnim Saxena(E22CSEU0015)
- Rakshit Garg(E22CSEU0029)
- Rohan Dabas(E22CSEU0013)
- Akshat Aggarwal(E22CSEU0020)

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$y = mx + b$$



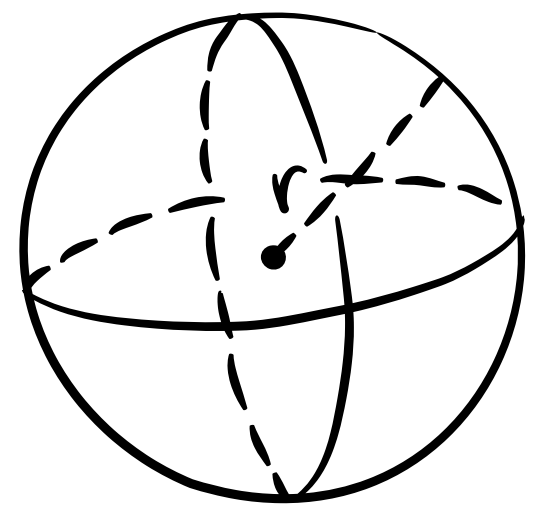
$$V = \frac{4}{3} \pi r^3$$

ABSTRACT

- Developing an Advanced Stock Market Predictor: A Data-Driven Approach
- To provide investors and financial analysts with a useful tool for making informed decisions in the stock market using advanced machine learning and data analysis techniques.
- In-depth research and analysis conducted into the creation and application of a complex stock market prediction system.

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$y = mx + b$$



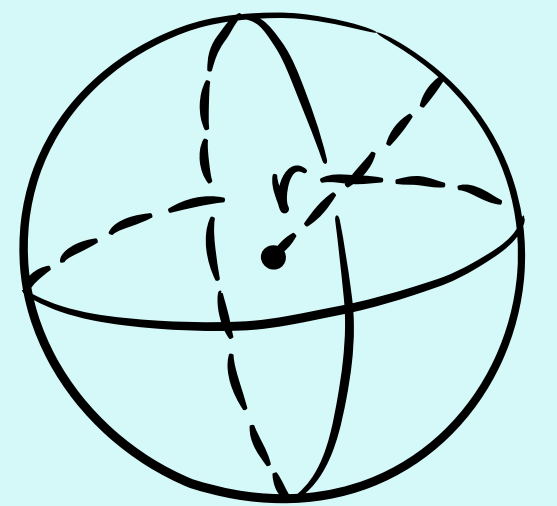
$$V = \frac{4}{3} \pi r^3$$

INTRODUCTION

- Stock market prediction influenced by various factors.
- Include previous stock price movements, economic indicators, and market sentiment.
- Ongoing investigations for increased forecast accuracy and market behavior understanding.
- Continuously explored by researchers.
- Utilized to analyze historical market data.
- Employed in the study.

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$y = mx + b$$



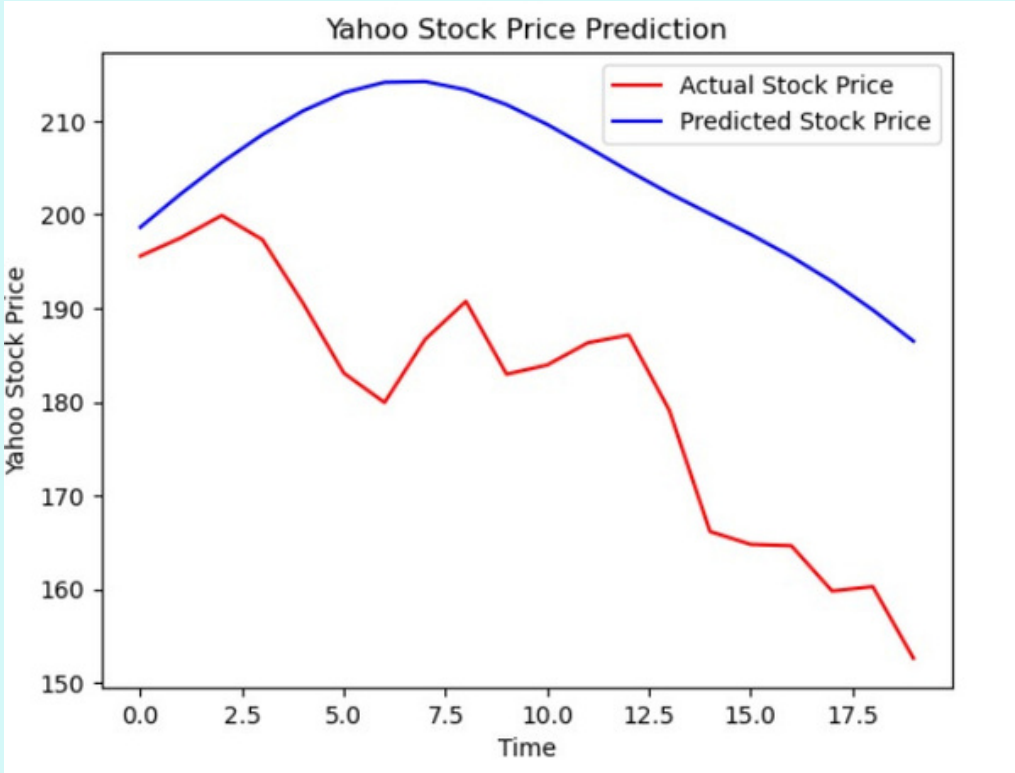
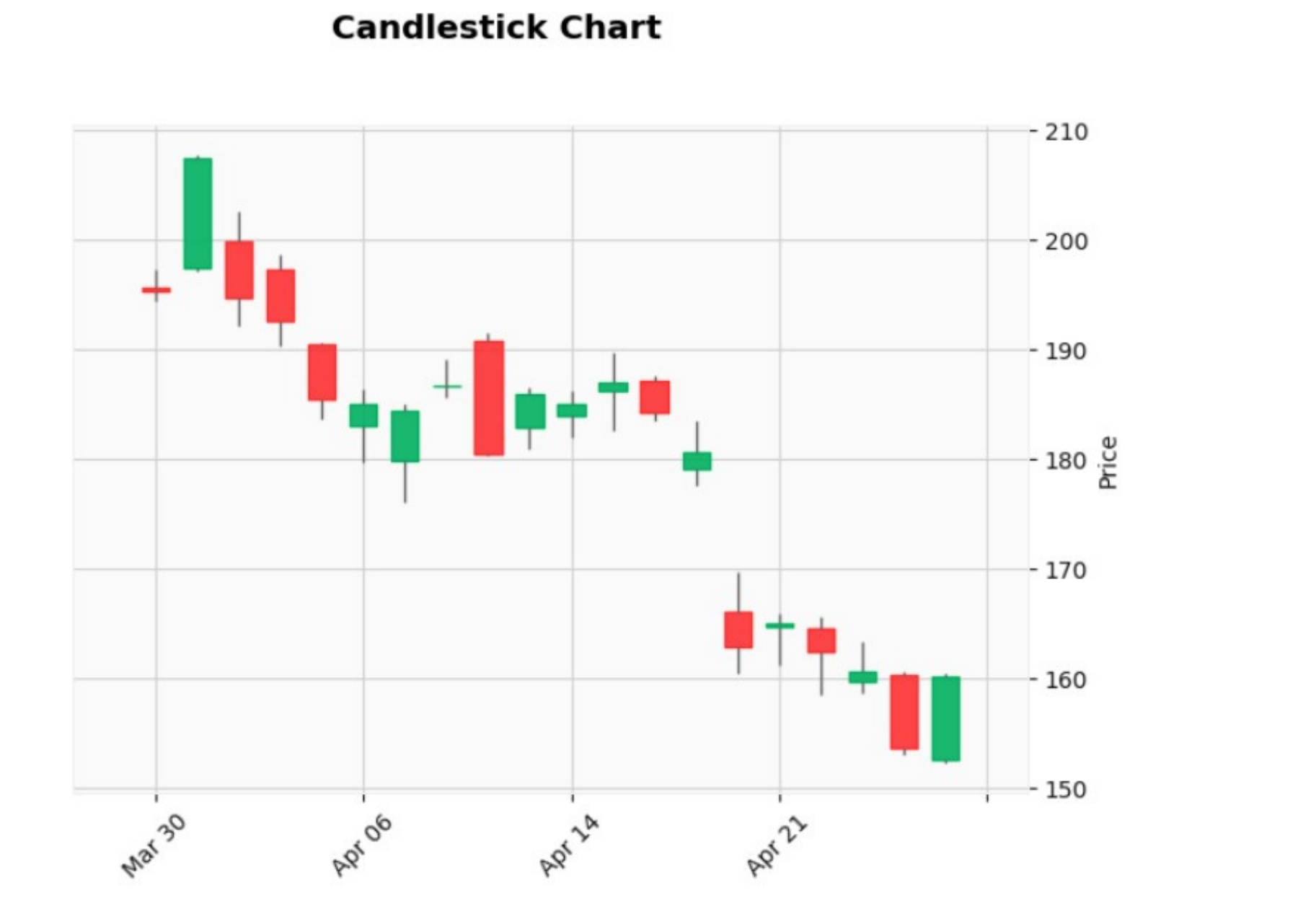
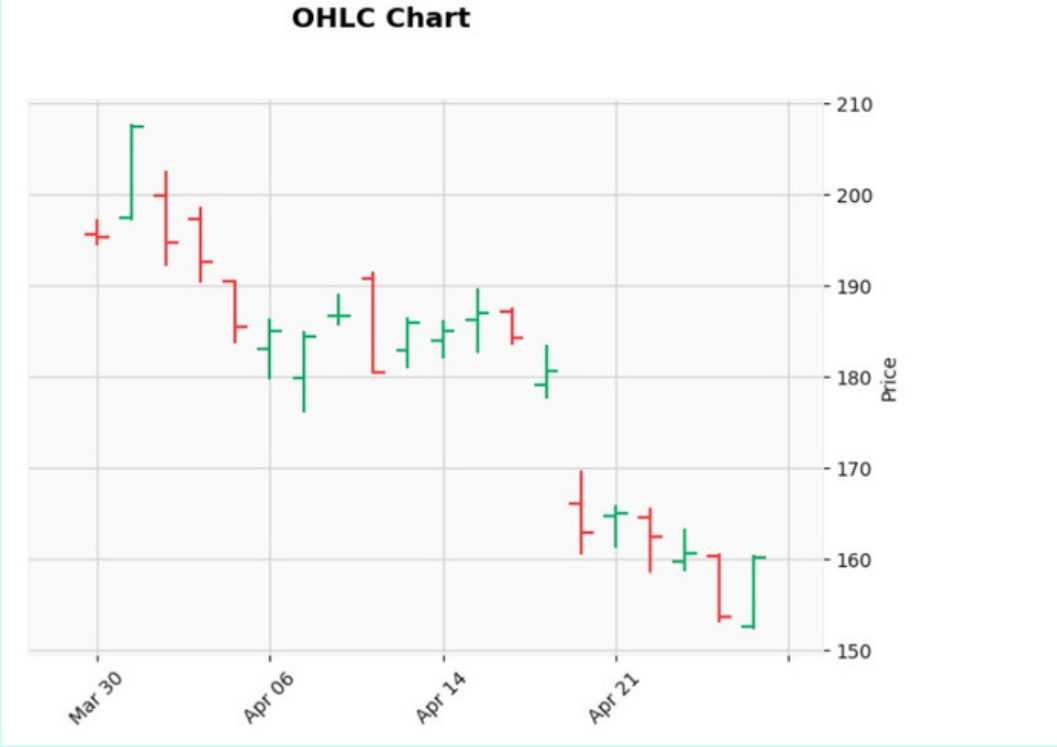
$$V = \frac{4}{3} \pi r^3$$



VARIOUS PYTHON LIBRARIES USED IN THE PROJECT

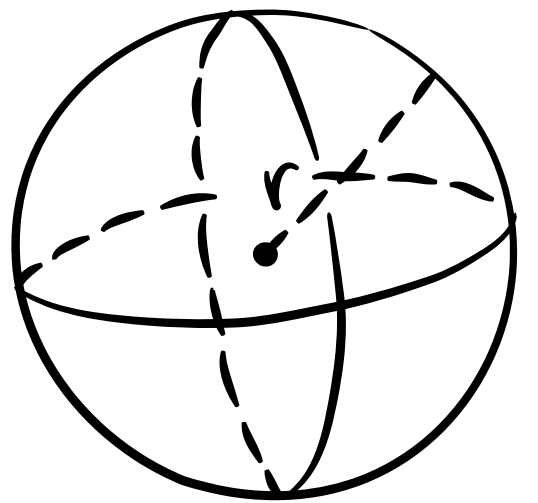
- Math
- Numpy
- Pandas
- DateTime
- Min Max Scaler

- Sklearn
- keras
- YFinance
- Matplotlib



$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$y = mx + b$$



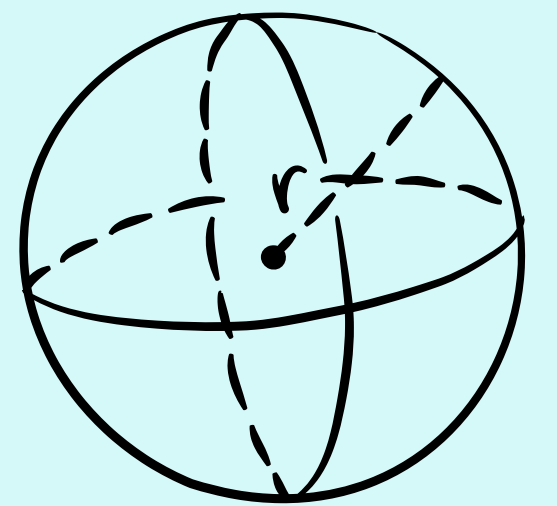
$$V = \frac{4}{3} \pi r^3$$

RESULT

- Fundamental in data analysis and statistics.
- Aid in modeling and describing random variable behavior and outcomes.
- Various probability distributions, including Normal, Uniform, and more.
- Utilized to analyze and derive meaningful insights from datasets.
- Exploring how to calculate PDF for specific values.

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$y = mx + b$$



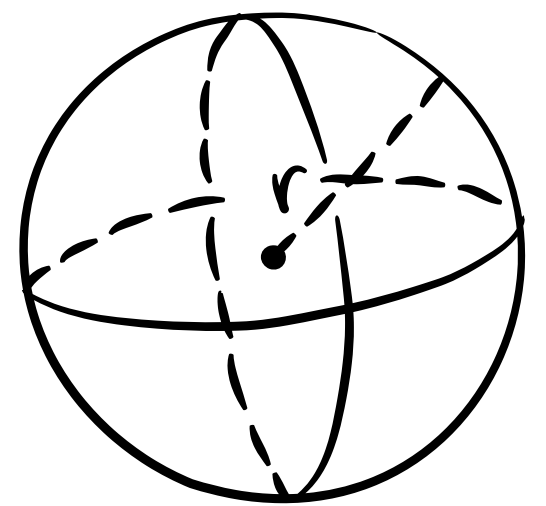
$$V = \frac{4}{3} \pi r^3$$

CONCLUSION

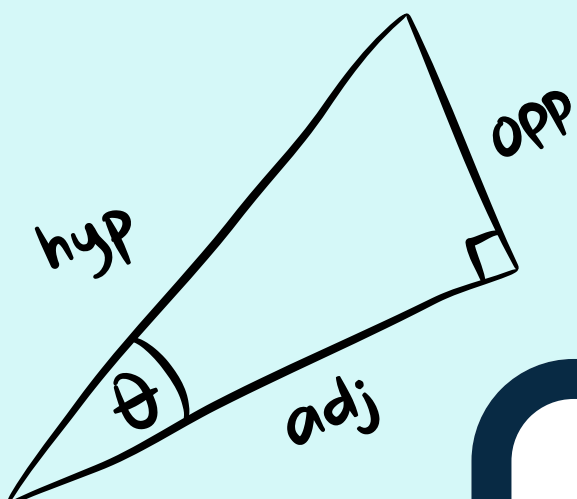
- Project combines state-of-the-art technology, thorough data analysis, and financial sector expertise.
- Acknowledges inherent unpredictability in the stock market.
- Demonstrates significant progress in prediction skills.
- Provides financial experts and investors with better data.

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

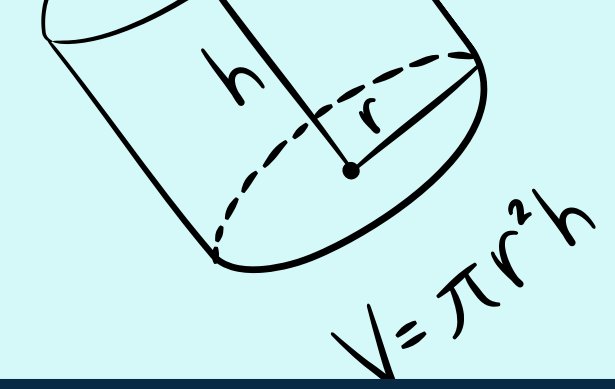
$$y = mx + b$$



$$V = \frac{4}{3} \pi r^3$$

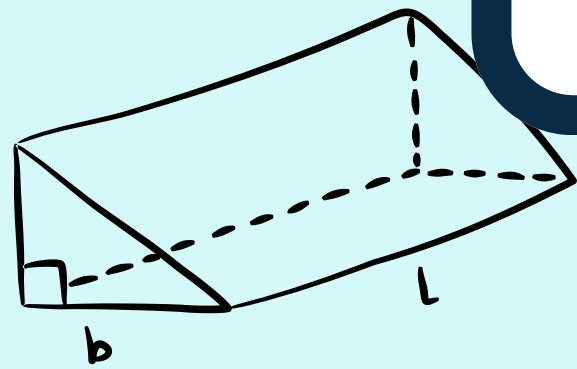


$$\sin(\theta) = \frac{\text{opp}}{\text{hyp}}$$



$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$a = \frac{V_f - V_i}{t}$$



$$V = \frac{1}{2} bhl$$

$$\frac{x}{a} + \frac{y}{b} = 1$$

$$ax^2 + bx + c = 0$$

$$y = mx + b$$



$$V = \frac{4}{3} \pi r^3$$

THANKYOU