

Brainstorm & idea prioritization

Define your problem statement

PROBLEM

Estimating share prices of Top 5 GPU companies

BACKGROUND

In recent years, the explosive growth of the GPU industry has garnered significant attention from new investors. As such, accurate predictions of fluctuations in share prices are of paramount importance to investors breaking ground in a new market. To this end, machine learning could be used to create accurate projections of share prices.

PROBLEM DESCRIPTION

The objective is to create a predictive machine learning model that can extrapolate historical data on GPU share prices in order to accurataely forecast future share prices of the top 5 GPU companies.



Brainstorm

Kevin Noel

Work with said companies to acquire product release dates

Listing
potential
factors that
may influence
stock prices

Use
predictive Al
to run trial
and error

Study the different industry/use cases for GPUs currently

Srinithi S

Analyzing the pattern in the supplies and demands of the company over the years

Studying and understanding the current economic conditions that can affect the share prices

Aditya B

Establish liasons with industry informants within each of the major GPU companies for insider information on higher up decisionmaking before the rest of the market

bring onboard prior
members of the board of
directors of various
prominent GPU
companies in order to
glean unique insights on
the inner workings and
insider deals that occur
within GPU companies

Keep up to date on bleeding edge application opportunities and emergent or forseeable demand that might cause upsets within the marketplace

Hershita Saha

Collecting data on past trends and predicting prices based on patterns found.

Measuring the impact of different factors on the the trends



Group ideas

Trends

Measuring the impact of different factors on the the trends

Collecting data on past trends and predicting prices based on patterns found.

Analyzing the pattern in the supplies and demands of the company over the years

Study the different industry/use cases for GPUs currently

Artificial Intelligence

Use predictive Al to run trial and error

Data Analysis

Listing
potential
factors that
may influence
stock prices

Studying and understanding the current economic conditions

Keep up to date on bleeding edge application opportunities and emergent or forseeable demand that might cause upsets within the marketplace

Networking

Establish connections with contacts within each of the major GPU companies for information

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Prioritize

