TODO:

1. Make option scanner header (and calls / puts tags) sticky when scrolling

                    {

                    label: 'Max Pain',

                    data: {{ values | safe }},

                    backgroundColor: {{ background\_colors | safe }}

                    // 'rgba(54, 162, 235, 0.5)'

                    // 'rgb(255, 99, 132, 0.5)' // 50% transparent red

                    },

Yfinance ticker.info dictionary:

address1 : One Microsoft Way

city : Redmond

state : WA

zip : 98052-6399

country : United States

phone : 425 882 8080

website : https://www.microsoft.com

industry : Software - Infrastructure

industryKey : software-infrastructure

industryDisp : Software - Infrastructure

sector : Technology

sectorKey : technology

sectorDisp : Technology

longBusinessSummary : Microsoft Corporation develops and supports software, services, devices and solutions worldwide. The Productivity and Business Processes segment offers office, exchange, SharePoint, Microsoft Teams, office 365 Security and Compliance, Microsoft viva, and Microsoft 365 copilot; and office consumer services, such as Microsoft 365 consumer subscriptions, Office licensed on-premises, and other office services. This segment also provides LinkedIn; and dynamics business solutions, including Dynamics 365, a set of intelligent, cloud-based applications across ERP, CRM, power apps, and power automate; and on-premises ERP and CRM applications. The Intelligent Cloud segment offers server products and cloud services, such as azure and other cloud services; SQL and windows server, visual studio, system center, and related client access licenses, as well as nuance and GitHub; and enterprise services including enterprise support services, industry solutions, and nuance professional services. The More Personal Computing segment offers Windows, including windows OEM licensing and other non-volume licensing of the Windows operating system; Windows commercial comprising volume licensing of the Windows operating system, windows cloud services, and other Windows commercial offerings; patent licensing; and windows Internet of Things; and devices, such as surface, HoloLens, and PC accessories. Additionally, this segment provides gaming, which includes Xbox hardware and content, and first- and third-party content; Xbox game pass and other subscriptions, cloud gaming, advertising, third-party disc royalties, and other cloud services; and search and news advertising, which includes Bing, Microsoft News and Edge, and third-party affiliates. The company sells its products through OEMs, distributors, and resellers; and directly through digital marketplaces, online, and retail stores. The company was founded in 1975 and is headquartered in Redmond, Washington.

fullTimeEmployees : 221000

companyOfficers : [{'maxAge': 1, 'name': 'Mr. Satya Nadella', 'age': 56, 'title': 'Chairman & CEO', 'yearBorn': 1967, 'fiscalYear': 2023, 'totalPay': 9276400, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Mr. Bradford L. Smith LCA', 'age': 64, 'title': 'President & Vice Chairman', 'yearBorn': 1959, 'fiscalYear': 2023, 'totalPay': 3591277, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Ms. Amy E. Hood', 'age': 51, 'title': 'Executive VP & CFO', 'yearBorn': 1972, 'fiscalYear': 2023, 'totalPay': 3452196, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Mr. Judson B. Althoff', 'age': 49, 'title': 'Executive VP & Chief Commercial Officer', 'yearBorn': 1974, 'fiscalYear': 2023, 'totalPay': 3355797, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Mr. Christopher David Young', 'age': 51, 'title': 'Executive Vice President of Business Development, Strategy & Ventures', 'yearBorn': 1972, 'fiscalYear': 2023, 'totalPay': 2460507, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Ms. Alice L. Jolla', 'age': 56, 'title': 'Corporate VP & Chief Accounting Officer', 'yearBorn': 1967, 'fiscalYear': 2023, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Mr. James Kevin Scott', 'age': 51, 'title': 'Executive VP of AI & CTO', 'yearBorn': 1972, 'fiscalYear': 2023, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Brett Iversen', 'title': 'Vice President of Investor Relations', 'fiscalYear': 2023, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Mr. Hossein Nowbar', 'title': 'Chief Legal Officer', 'fiscalYear': 2023, 'exercisedValue': 0, 'unexercisedValue': 0}, {'maxAge': 1, 'name': 'Mr. Frank X. Shaw', 'title': 'Chief Communications Officer', 'fiscalYear': 2023, 'exercisedValue': 0, 'unexercisedValue': 0}]

auditRisk : 3

boardRisk : 4

compensationRisk : 2

shareHolderRightsRisk : 2

overallRisk : 1

governanceEpochDate : 1719792000

compensationAsOfEpochDate : 1703980800

irWebsite : http://www.microsoft.com/investor/default.aspx

maxAge : 86400

priceHint : 2

previousClose : 467.56

open : 466.55

dayLow : 464.46

dayHigh : 467.7

regularMarketPreviousClose : 467.56

regularMarketOpen : 466.55

regularMarketDayLow : 464.46

regularMarketDayHigh : 467.7

dividendRate : 3.0

dividendYield : 0.0064

exDividendDate : 1723680000

payoutRatio : 0.24780001

fiveYearAvgDividendYield : 0.92

beta : 0.894

trailingPE : 40.332176

forwardPE : 35.055637

volume : 12764501

regularMarketVolume : 12764501

averageVolume : 18918452

averageVolume10days : 16284370

averageDailyVolume10Day : 16284370

bid : 465.99

ask : 466.18

bidSize : 100

askSize : 100

marketCap : 3465240117248

fiftyTwoWeekLow : 309.45

fiftyTwoWeekHigh : 468.35

priceToSalesTrailing12Months : 14.646976

fiftyDayAverage : 428.437

twoHundredDayAverage : 392.818

trailingAnnualDividendRate : 2.93

trailingAnnualDividendYield : 0.006266576

currency : USD

enterpriseValue : 3491454255104

profitMargins : 0.36426997

floatShares : 7422123535

sharesOutstanding : 7432309760

sharesShort : 62396959

sharesShortPriorMonth : 43764126

sharesShortPreviousMonthDate : 1715731200

dateShortInterest : 1718323200

sharesPercentSharesOut : 0.0084

heldPercentInsiders : 0.00054000004

heldPercentInstitutions : 0.73636

shortRatio : 3.41

shortPercentOfFloat : 0.0084

impliedSharesOutstanding : 7432309760

bookValue : 34.058

priceToBook : 13.689589

lastFiscalYearEnd : 1688083200

nextFiscalYearEnd : 1719705600

mostRecentQuarter : 1711843200

earningsQuarterlyGrowth : 0.199

netIncomeToCommon : 86181003264

trailingEps : 11.56

forwardEps : 13.3

pegRatio : 2.44

lastSplitFactor : 2:1

lastSplitDate : 1045526400

enterpriseToRevenue : 14.758

enterpriseToEbitda : 27.714

52WeekChange : 0.4023521

SandP52WeekChange : 0.2553556

lastDividendValue : 0.75

lastDividendDate : 1715731200

exchange : NMS

quoteType : EQUITY

symbol : MSFT

underlyingSymbol : MSFT

shortName : Microsoft Corporation

longName : Microsoft Corporation

firstTradeDateEpochUtc : 511108200

timeZoneFullName : America/New\_York

timeZoneShortName : EDT

uuid : b004b3ec-de24-385e-b2c1-923f10d3fb62

messageBoardId : finmb\_21835

gmtOffSetMilliseconds : -14400000

currentPrice : 466.24

targetHighPrice : 600.0

targetLowPrice : 436.0

targetMeanPrice : 488.97

targetMedianPrice : 480.89

recommendationMean : 1.7

recommendationKey : buy

numberOfAnalystOpinions : 46

totalCash : 80013000704

totalCashPerShare : 10.766

ebitda : 125981999104

totalDebt : 106228998144

quickRatio : 1.132

currentRatio : 1.242

totalRevenue : 236583993344

debtToEquity : 41.963

revenuePerShare : 31.834

returnOnAssets : 0.1541

returnOnEquity : 0.38487998

freeCashflow : 61997998080

operatingCashflow : 110122999808

earningsGrowth : 0.2

revenueGrowth : 0.17

grossMargins : 0.69894

ebitdaMargins : 0.5325

operatingMargins : 0.44588003

financialCurrency : USD

trailingPegRatio : 2.2988

A screenshot of a stock calculator

Description automatically generated A screenshot of a graph

Description automatically generated

Value = stock price – strike

Value = 196 – 195 = 1

Profit = ((stock price - strike) - option cost) × (number of contracts × 100)

Profit = ((196 - 195) – 0.85) × (1 × 100) = $15

A screenshot of a data

Description automatically generated

A screen shot of a computer

Description automatically generatedA screen shot of a computer

Description automatically generated

Can you paint me a bunch of real-life bulls (not statues) charging down wall street? Do it in the impressionism style please

black and white, , digital art, expressionism, fauvism, futurism, impressionism, neoclassicism, post-impressionism, rococo, street art

can you paint me a black and white painting of a bear and bull in a field in a expressionism style?

can you paint me a black and white painting of a bull in a field chasing flying dollar bills in a classicism style?

Can you paint me a black and white expressionist painting of a bull with a monocle and a tophat in a field?

To make wider, click on an image

A screenshot of a screenshot of a computer

Description automatically generated

And click on the bottom right enlarge icon:

A screenshot of a computer

Description automatically generated