

# Stock Market Investments Finder

Dates Worked on: May 2020 - Present

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## Introduction:

- This data was recommended by the program in summer 2020. Each security, Microsoft, Cirrus Logic, and Square, secured a +51.3%, +37.4%, and +164.2%, respectively as of September 2021.
- To be able to process and handle the data, AWS Lambda, a serverless computing service, was used to retrieve the data efficiently in a reasonable time.

Side Note: I am not a financial advisor. Information retrieved by this program is for show only. I am by no means advising the trade of any of the securities recommended by this program

## Input:

```
{
  "Sector" : "Technology",
  "Price Limit" : "225",
  "Type" : "Stock",
  "Maximum Number of Securities" : "3"
}
```

## Output:

```
{
  "Security 1" : {
    "Name" : "Microsoft",
    "Ticker Symbol" : "MSFT",
    "Price": "204.54",
    "Score" : "78. Highly Recommend"
  },
  "Security 2" : {
    "Name" : "Cirrus Logic",
    "Ticker Symbol" : "CRUS",
    "Price": "61.35",
    "Score" : "84. Highly Recommend"
  },
  "Security 3" : {
    "Name" : "Square",
    "Ticker Symbol" : "SQ",
    "Price": "97.98",
    "Score" : "85. Highly Recommend"
  }
}
```