

Objective

This assignment has the objective to build a responsive UI to ensure that users can easily interact with the page. Development should be done with best possible optimal solution without using any front-end libraries like bootstrap. As well as taking care of debugging.

Assignment

- Render a slider toggle as shown in the image provided in Resources , representing four Views (Bullish, Bearish, RangeBound, Volatile). Default selection should be Bullish
- Render Date dropdown using the dateArray given in Resources. Render the First date as selected
- Render strategy cards below date dropdown using strategyArray provided in Resources.
- Cards should be rendered based on selected date
- The card should contain 2 information (Strategy Name and Strategy Count). Strategy Count represents the number of occurrences of that name. eg: if Bull Call Spread appears 2 times in the array then its strategy count is 2. If the strategy count is 1 then label should be 'Strategy' otherwise 'Strategies'
- If there no cards for the selected date render empty state with that date. provided in resources.

Note: UI should be working as mentioned but images, colors and font styles can be close to the expected output but not necessary to match.

Important: Kindly host your assignment on Netlify or GitHub Pages and provide the link while submitting it

Expected Output

Bullish
Bearish
Rangebound
Volatile

25 Apr 2024

Long Put
1 Strategy

Bear Put Spread
6 Strategies

Bear Call Spread
7 Strategies

Expanded State of Date Dropdown:

Bullish

Bearish

Rangebound

Volatile

25 Apr 2024



25 Apr 2024

02 May 2024

09 May 2024

31 May 2024

21 Jun 2024

Long Put

• 1 Strategy

Bear Put Spread

• 6 Strategies

Bear Call Spread

• 7 Strategies

Empty State:

Bullish
Bearish
Rangebound
Volatile

02 May 2024

There are no strategies for
02 May 2024

Resources

1. Use **dateArray** to render dates in the dropdown
2. Use **strategyArray** to render strategy cards below the date dropdown

dateArray = ['24-Apr-2024','02-May-2024','09-May-2024','31-May-2024','21-Jun-2024']

```

strategyArray = [
  {
    'View': 'Bullish',
    'Value': {
      '24-Apr-2024': ['Bull Call Spread','Bull Put Spread','Bull Put Spread','Long Call','Bull Put
Spread','Bull Call Spread','Strategy1','Bull Call
Spread','Strategy1','Strategy1','SpreadStrategy','Bull Call Spread'],
      '02-May-2024': ['Bull Call Spread','Bull Call Spread','Bull Put Spread','Long Call','Long
Call','Long Call','Bull Put Spread','Bull Call Spread','Strategy1','Bull Call
Spread','Strategy2','Strategy1','Strategy2','Bull Call Spread'],
      '09-May-2024': ['Strategy Put','Strategy Call','Strategy Call','Strategy Call','Strategy Put'],
    }
  },
]

```

