

Below is the Monthly Price Chart of Kaveri Seeds (an Indian Company) from Tradingview.com:

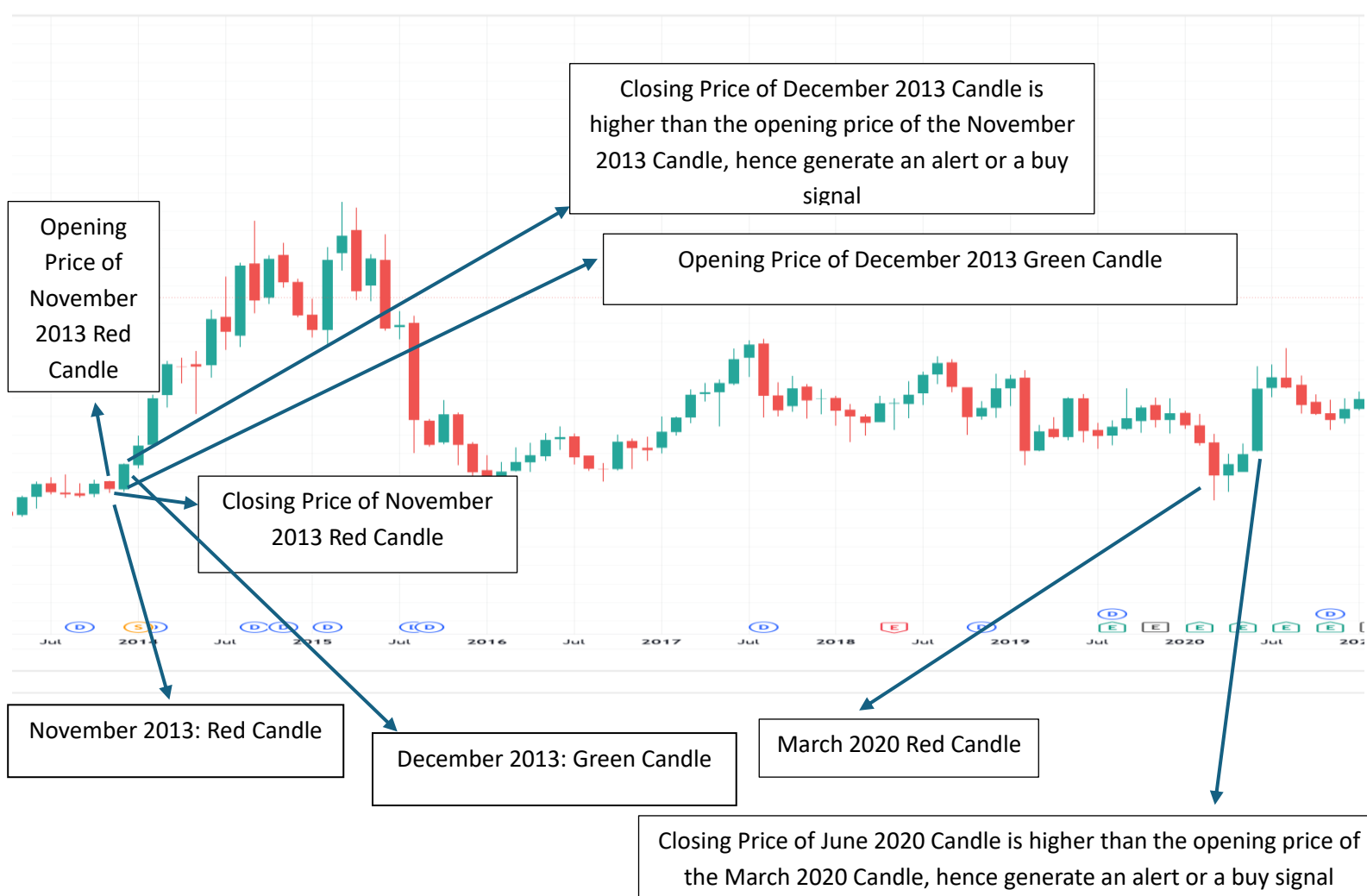


- Each candle above is a monthly candle:
 - Red candle means during that month the price of the stock closed lower (at the end of the month) compared to the opening price (at the start of the month)
 - Green candle means during that month the price of the stock closed higher (at the end of the month) compared to the opening price (at the start of the month)

Strategy has two parts:

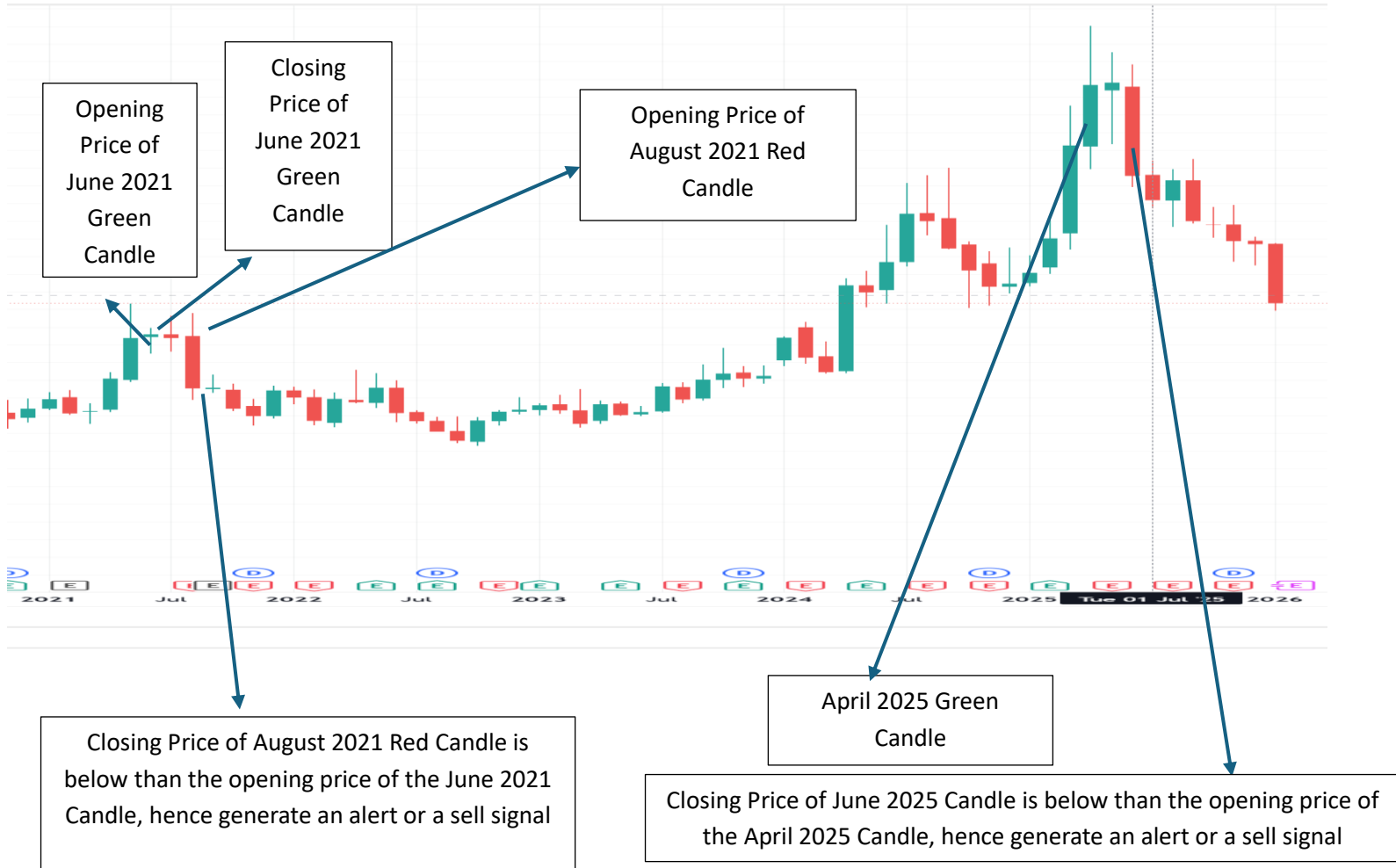
Part 1 is Buy Signal: Algo should generate an alert/signal at the end of the month. Below are the conditions:

- The closing price of the green candle at the end of the month should be above the opening price of the immediate previous any red candle. Two Examples as below:



Part 2 is Sell Signal: Algo should generate an alert/signal at the end of the month. Below are the conditions:

- The closing price of the red candle at the end of the month should be below the opening price of the immediate previous any green candle. Two Examples as below:



Other Requirements:

1. Use Tradingview.com for historical and future prices. They have an API as well.