Stock Recommendation Report

Risk Level: Low
Start Date: 2020-01-01
End Date: 2025-03-04
Max Price per Share: $75.0
Number of Stocks: 10
Months Held: 12
Dividend Preference: yes

Stock Recommendations:

Based on your criteria, the following stocks are recommended: PFE, KO, T, CSCO, VZ, BMY, CVS, WBA, EXC, LNT, TSCO, NEE, KHC

Stock Performance Summary

Ticker	Current Price	P/E Ratio	Dividend Yield	Market Cap	P/B Ratio	ROE
PFE	$25.84	18.329786	6.5500	$147,476,742,144.00	1.6605628	0.09057
KO	$70.56	28.682926	2.8200	$303,478,571,008.00	12.211838	0.39549
T	$26.50	17.78859	4.0000	$190,257,659,904.00	1.8222756	0.10226
CSCO	$63.22	27.725878	2.5800	$253,983,326,208.00	5.5219254	0.20019
VZ	$43.19	10.43116	6.1800	$181,795,897,344.00	1.8318912	0.18469
BMY	$59.88	N/A	4.1400	$121,525,223,424.00	7.4382067	-0.38946998
CVS	$64.69	17.674864	4.1000	$82,591,023,104.00	1.078742	0.0602
WBA	$11.02	N/A	9.7500	$9,908,300,800.00	0.95699394	-0.80845
EXC	$44.05	17.97755	3.5900	$44,274,913,280.00	1.6442677	0.0934
LNT	$64.75	24.070631	3.0700	$16,620,807,168.00	2.3730118	0.10014
TSCO	$55.63	27.26961	1.6800	$29,812,396,032.00	13.040319	0.49828997
NEE	$71.38	21.179525	3.1600	$146,820,513,792.00	2.9304893	0.09506
KHC	$31.34	13.869469	5.1100	$37,456,957,440.00	0.76155883	0.05545

Detailed Analysis for PFE

Scenario	Projected Profit
Historical (Bought at Lowest)	$5998.63
Zero Growth	$1434.40
Growth Scenario	N/A

Stock Growth Analysis:

Stock Growth Calculation for PFE:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 26.25
Initial Price: 29.49
Calculation: ((26.25 - 29.49) / 29.49) * 100 = -10.99%
Stock Growth: -10.99%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-23 (Price: $21.69)
Best Day to Sell: 2021-12-16 (Price: $52.61)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $21.69):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $21.69 = 34.59 shares
Dividend Yield: 6.5500
Current Price: $25.84
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (6.5500 * $25.84 * 12 / 12) * 34.59 = $5854.77
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (34.59 * $25.84) + $5854.77 - $750.00 = $5998.63
Potential Profit if Bought at Lowest: $5998.63

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $25.84):
Projected Profit if Bought Today: $1434.40
Investment Cost: $258.45, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((6.5500 * 25.845) * 12/12)*10.00) = $1692.85
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1692.85 - $258.45 = 1434.40
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Stock is predicted to reduce in value, no projections available, see zero growth scenario!

The Zero growth projection is $1434.40

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$13.43
Median Simulated Price	$11.00
Standard Deviation	$5.98
Minimum Simulated Price	$6.12
Maximum Simulated Price	$26.25

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $13.43
Median Simulated Price Calculation: Middle value of all simulated prices = $11.00
Standard Deviation Calculation: Measure of the spread of simulated prices = $5.98
Minimum Simulated Price: Lowest simulated price = $6.12
Maximum Simulated Price: Highest simulated price = $26.25

Detailed Analysis for KO

Scenario	Projected Profit
Historical (Bought at Lowest)	$5479.84
Zero Growth	$1284.19
Growth Scenario	$2349.98

Stock Growth Analysis:

Stock Growth Calculation for KO:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 72.32
Initial Price: 47.09
Calculation: ((72.32 - 47.09) / 47.09) * 100 = 53.56%
Stock Growth: 53.56%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-23 (Price: $32.45)
Best Day to Sell: 2025-03-03 (Price: $72.32)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $32.45):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $32.45 = 23.11 shares
Dividend Yield: 2.8200
Current Price: $70.56
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (2.8200 * $70.56 * 12 / 12) * 23.11 = $4598.99
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (23.11 * $70.56) + $4598.99 - $750.00 = $5479.84
Potential Profit if Bought at Lowest: $5479.84

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $70.56):
Projected Profit if Bought Today: $1284.19
Investment Cost: $705.60, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((2.8200 * 70.56) * 12/12)*10.00) = $1989.79
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1989.79 - $705.60 = 1284.19
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $108.35):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $2349.98

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$99.92
Median Simulated Price	$88.10
Standard Deviation	$23.06
Minimum Simulated Price	$68.47
Maximum Simulated Price	$166.19

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $99.92
Median Simulated Price Calculation: Middle value of all simulated prices = $88.10
Standard Deviation Calculation: Measure of the spread of simulated prices = $23.06
Minimum Simulated Price: Lowest simulated price = $68.47
Maximum Simulated Price: Highest simulated price = $166.19

Detailed Analysis for T

Scenario	Projected Profit
Historical (Bought at Lowest)	$7348.92
Zero Growth	$795.15
Growth Scenario	$1218.09

Stock Growth Analysis:

Stock Growth Calculation for T:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 27.72
Initial Price: 19.82
Calculation: ((27.72 - 19.82) / 19.82) * 100 = 39.89%
Stock Growth: 39.89%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2023-07-18 (Price: $12.27)
Best Day to Sell: 2025-03-03 (Price: $27.72)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $12.27):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $12.27 = 61.11 shares
Dividend Yield: 4.0000
Current Price: $26.50
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (4.0000 * $26.50 * 12 / 12) * 61.11 = $6479.14
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (61.11 * $26.50) + $6479.14 - $750.00 = $7348.92
Potential Profit if Bought at Lowest: $7348.92

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $26.50):
Projected Profit if Bought Today: $795.15
Investment Cost: $265.05, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((4.0000 * 26.505) * 12/12)*10.00) = $1060.20
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1060.20 - $265.05 = 795.15
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $37.08):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $1218.09

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$92.43
Median Simulated Price	$109.85
Standard Deviation	$38.86
Minimum Simulated Price	$26.34
Maximum Simulated Price	$151.08

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $92.43
Median Simulated Price Calculation: Middle value of all simulated prices = $109.85
Standard Deviation Calculation: Measure of the spread of simulated prices = $38.86
Minimum Simulated Price: Lowest simulated price = $26.34
Maximum Simulated Price: Highest simulated price = $151.08

Detailed Analysis for CSCO

Scenario	Projected Profit
Historical (Bought at Lowest)	$5221.27
Zero Growth	$998.80
Growth Scenario	$1865.28

Stock Growth Analysis:

Stock Growth Calculation for CSCO:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 63.48
Initial Price: 41.46
Calculation: ((63.48 - 41.46) / 41.46) * 100 = 53.13%
Stock Growth: 53.13%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-12 (Price: $28.42)
Best Day to Sell: 2025-02-14 (Price: $64.87)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $28.42):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $28.42 = 26.39 shares
Dividend Yield: 2.5800
Current Price: $63.22
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (2.5800 * $63.22 * 12 / 12) * 26.39 = $4303.32
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (26.39 * $63.22) + $4303.32 - $750.00 = $5221.27
Potential Profit if Bought at Lowest: $5221.27

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $63.22):
Projected Profit if Bought Today: $998.80
Investment Cost: $632.15, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((2.5800 * 63.215) * 12/12)*10.00) = $1630.95
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1630.95 - $632.15 = 998.80
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $96.80):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $1865.28

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$55.30
Median Simulated Price	$54.86
Standard Deviation	$5.41
Minimum Simulated Price	$41.65
Maximum Simulated Price	$70.08

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $55.30
Median Simulated Price Calculation: Middle value of all simulated prices = $54.86
Standard Deviation Calculation: Measure of the spread of simulated prices = $5.41
Minimum Simulated Price: Lowest simulated price = $41.65
Maximum Simulated Price: Highest simulated price = $70.08

Detailed Analysis for VZ

Scenario	Projected Profit
Historical (Bought at Lowest)	$7480.94
Zero Growth	$2236.98
Growth Scenario	N/A

Stock Growth Analysis:

Stock Growth Calculation for VZ:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 43.87
Initial Price: 45.53
Calculation: ((43.87 - 45.53) / 45.53) * 100 = -3.64%
Stock Growth: -3.64%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2023-10-13 (Price: $28.25)
Best Day to Sell: 2020-12-03 (Price: $48.06)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $28.25):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $28.25 = 26.55 shares
Dividend Yield: 6.1800
Current Price: $43.19
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (6.1800 * $43.19 * 12 / 12) * 26.55 = $7084.57
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (26.55 * $43.19) + $7084.57 - $750.00 = $7480.94
Potential Profit if Bought at Lowest: $7480.94

Projected Profit (Zero Growth Scenario):

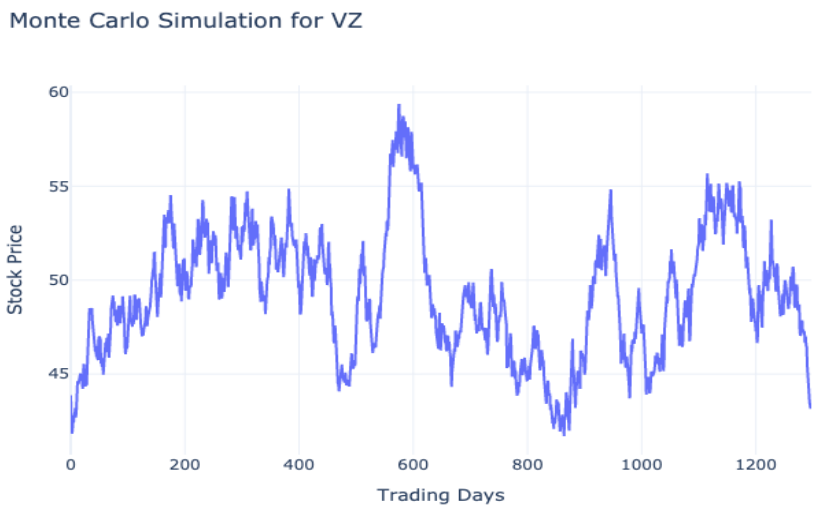
Projected Profit (Zero Growth Scenario - Price: $43.19):
Projected Profit if Bought Today: $2236.98
Investment Cost: $431.85, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((6.1800 * 43.185) * 12/12)*10.00) = $2668.83
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $2668.83 - $431.85 = 2236.98
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Stock is predicted to reduce in value, no projections available, see zero growth scenario!

The Zero growth projection is $2236.98

Monte Carlo Simulation:



Metric	Value
Mean Simulated Price	$49.21
Median Simulated Price	$49.04
Standard Deviation	$3.37
Minimum Simulated Price	$41.69
Maximum Simulated Price	$59.38

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $49.21
Median Simulated Price Calculation: Middle value of all simulated prices = $49.04
Standard Deviation Calculation: Measure of the spread of simulated prices = $3.37
Minimum Simulated Price: Lowest simulated price = $41.69
Maximum Simulated Price: Highest simulated price = $59.38

Detailed Analysis for BMY

Scenario	Projected Profit
Historical (Bought at Lowest)	$5231.19
Zero Growth	$1880.39
Growth Scenario	$2207.96

Stock Growth Analysis:

Stock Growth Calculation for BMY:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 59.87
Initial Price: 52.88
Calculation: ((59.87 - 52.88) / 52.88) * 100 = 13.21%
Stock Growth: 13.21%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2024-07-03 (Price: $38.60)
Best Day to Sell: 2022-12-02 (Price: $73.75)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $38.60):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $38.60 = 19.43 shares
Dividend Yield: 4.1400
Current Price: $59.88
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (4.1400 * $59.88 * 12 / 12) * 19.43 = $4817.53
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (19.43 * $59.88) + $4817.53 - $750.00 = $5231.19
Potential Profit if Bought at Lowest: $5231.19

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $59.88):
Projected Profit if Bought Today: $1880.39
Investment Cost: $598.85, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((4.1400 * 59.885) * 12/12)*10.00) = $2479.24
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $2479.24 - $598.85 = 1880.39
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $67.80):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $2207.96

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$48.86
Median Simulated Price	$48.26
Standard Deviation	$8.69
Minimum Simulated Price	$32.15
Maximum Simulated Price	$74.18

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $48.86
Median Simulated Price Calculation: Middle value of all simulated prices = $48.26
Standard Deviation Calculation: Measure of the spread of simulated prices = $8.69
Minimum Simulated Price: Lowest simulated price = $32.15
Maximum Simulated Price: Highest simulated price = $74.18

Detailed Analysis for CVS

Scenario	Projected Profit
Historical (Bought at Lowest)	$4973.71
Zero Growth	$2005.39
Growth Scenario	$2087.96

Stock Growth Analysis:

Stock Growth Calculation for CVS:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 64.90
Initial Price: 62.94
Calculation: ((64.90 - 62.94) / 62.94) * 100 = 3.11%
Stock Growth: 3.11%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2024-12-19 (Price: $43.23)
Best Day to Sell: 2022-02-08 (Price: $100.04)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $43.23):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $43.23 = 17.35 shares
Dividend Yield: 4.1000
Current Price: $64.69
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (4.1000 * $64.69 * 12 / 12) * 17.35 = $4601.41
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (17.35 * $64.69) + $4601.41 - $750.00 = $4973.71
Potential Profit if Bought at Lowest: $4973.71

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $64.69):
Projected Profit if Bought Today: $2005.39
Investment Cost: $646.90, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((4.1000 * 64.69) * 12/12)*10.00) = $2652.29
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $2652.29 - $646.90 = 2005.39
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $66.70):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $2087.96

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$42.73
Median Simulated Price	$41.44
Standard Deviation	$8.73
Minimum Simulated Price	$28.17
Maximum Simulated Price	$64.90

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $42.73
Median Simulated Price Calculation: Middle value of all simulated prices = $41.44
Standard Deviation Calculation: Measure of the spread of simulated prices = $8.73
Minimum Simulated Price: Lowest simulated price = $28.17
Maximum Simulated Price: Highest simulated price = $64.90

Detailed Analysis for WBA

Scenario	Projected Profit
Historical (Bought at Lowest)	$10341.65
Zero Growth	$963.81
Growth Scenario	N/A

Stock Growth Analysis:

Stock Growth Calculation for WBA:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 10.26
Initial Price: 44.92
Calculation: ((10.26 - 44.92) / 44.92) * 100 = -77.16%
Stock Growth: -77.16%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2024-09-25 (Price: $8.01)
Best Day to Sell: 2021-04-05 (Price: $45.52)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $8.01):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $8.01 = 93.67 shares
Dividend Yield: 9.7500
Current Price: $11.02
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (9.7500 * $11.02 * 12 / 12) * 93.67 = $10059.87
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (93.67 * $11.02) + $10059.87 - $750.00 = $10341.65
Potential Profit if Bought at Lowest: $10341.65

Projected Profit (Zero Growth Scenario):

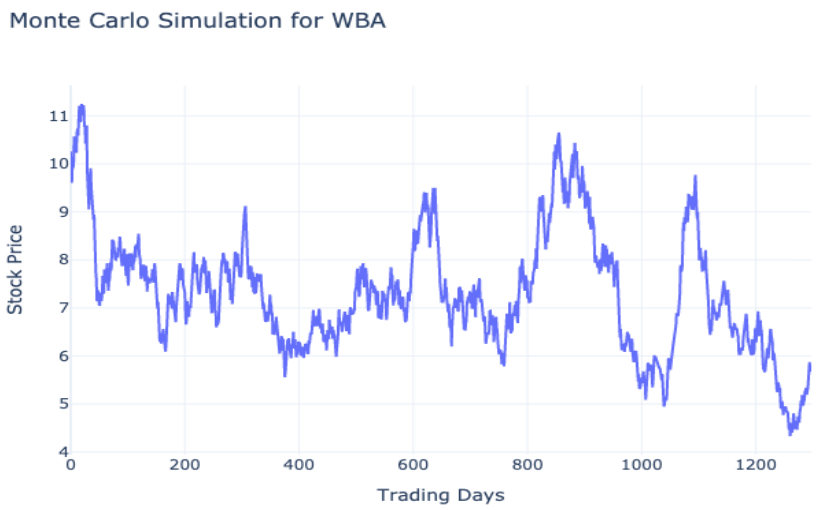
Projected Profit (Zero Growth Scenario - Price: $11.02):
Projected Profit if Bought Today: $963.81
Investment Cost: $110.15, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((9.7500 * 11.015) * 12/12)*10.00) = $1073.96
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1073.96 - $110.15 = 963.81
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Stock is predicted to reduce in value, no projections available, see zero growth scenario!

The Zero growth projection is $963.81

Monte Carlo Simulation:



Metric	Value
Mean Simulated Price	$7.31
Median Simulated Price	$7.19
Standard Deviation	$1.26
Minimum Simulated Price	$4.33
Maximum Simulated Price	$11.25

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $7.31
Median Simulated Price Calculation: Middle value of all simulated prices = $7.19
Standard Deviation Calculation: Measure of the spread of simulated prices = $1.26
Minimum Simulated Price: Lowest simulated price = $4.33
Maximum Simulated Price: Highest simulated price = $11.25

Detailed Analysis for EXC

Scenario	Projected Profit
Historical (Bought at Lowest)	$7742.15
Zero Growth	$1140.77
Growth Scenario	$2183.10

Stock Growth Analysis:

Stock Growth Calculation for EXC:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 44.55
Initial Price: 26.85
Calculation: ((44.55 - 26.85) / 26.85) * 100 = 65.92%
Stock Growth: 65.92%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-23 (Price: $17.85)
Best Day to Sell: 2022-04-20 (Price: $45.07)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $17.85):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $17.85 = 42.01 shares
Dividend Yield: 3.5900
Current Price: $44.05
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (3.5900 * $44.05 * 12 / 12) * 42.01 = $6642.01
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (42.01 * $44.05) + $6642.01 - $750.00 = $7742.15
Potential Profit if Bought at Lowest: $7742.15

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $44.05):
Projected Profit if Bought Today: $1140.77
Investment Cost: $440.45, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((3.5900 * 44.045) * 12/12)*10.00) = $1581.22
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1581.22 - $440.45 = 1140.77
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $73.08):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $2183.10

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$78.30
Median Simulated Price	$65.36
Standard Deviation	$28.22
Minimum Simulated Price	$44.55
Maximum Simulated Price	$151.78

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $78.30
Median Simulated Price Calculation: Middle value of all simulated prices = $65.36
Standard Deviation Calculation: Measure of the spread of simulated prices = $28.22
Minimum Simulated Price: Lowest simulated price = $44.55
Maximum Simulated Price: Highest simulated price = $151.78

Detailed Analysis for LNT

Scenario	Projected Profit
Historical (Bought at Lowest)	$5051.36
Zero Growth	$1340.33
Growth Scenario	$2244.28

Stock Growth Analysis:

Stock Growth Calculation for LNT:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 66.04
Initial Price: 45.40
Calculation: ((66.04 - 45.40) / 45.40) * 100 = 45.47%
Stock Growth: 45.47%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-23 (Price: $34.07)
Best Day to Sell: 2025-03-03 (Price: $66.04)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $34.07):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $34.07 = 22.01 shares
Dividend Yield: 3.0700
Current Price: $64.75
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (3.0700 * $64.75 * 12 / 12) * 22.01 = $4375.96
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (22.01 * $64.75) + $4375.96 - $750.00 = $5051.36
Potential Profit if Bought at Lowest: $5051.36

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $64.75):
Projected Profit if Bought Today: $1340.33
Investment Cost: $647.50, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((3.0700 * 64.75) * 12/12)*10.00) = $1987.83
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1987.83 - $647.50 = 1340.33
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $94.19):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $2244.28

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$103.25
Median Simulated Price	$96.72
Standard Deviation	$24.13
Minimum Simulated Price	$63.64
Maximum Simulated Price	$160.53

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $103.25
Median Simulated Price Calculation: Middle value of all simulated prices = $96.72
Standard Deviation Calculation: Measure of the spread of simulated prices = $24.13
Minimum Simulated Price: Lowest simulated price = $63.64
Maximum Simulated Price: Highest simulated price = $160.53

Detailed Analysis for TSCO

Scenario	Projected Profit
Historical (Bought at Lowest)	$9455.51
Zero Growth	$378.28
Growth Scenario	$2843.58

Stock Growth Analysis:

Stock Growth Calculation for TSCO:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 54.90
Initial Price: 15.09
Calculation: ((54.90 - 15.09) / 15.09) * 100 = 263.79%
Stock Growth: 263.79%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-16 (Price: $10.96)
Best Day to Sell: 2024-10-14 (Price: $60.27)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $10.96):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $10.96 = 68.45 shares
Dividend Yield: 1.6800
Current Price: $55.63
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (1.6800 * $55.63 * 12 / 12) * 68.45 = $6397.48
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (68.45 * $55.63) + $6397.48 - $750.00 = $9455.51
Potential Profit if Bought at Lowest: $9455.51

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $55.63):
Projected Profit if Bought Today: $378.28
Investment Cost: $556.30, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((1.6800 * 55.63) * 12/12)*10.00) = $934.58
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $934.58 - $556.30 = 378.28
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $202.37):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $2843.58

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$28.65
Median Simulated Price	$24.77
Standard Deviation	$9.74
Minimum Simulated Price	$15.92
Maximum Simulated Price	$57.38

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $28.65
Median Simulated Price Calculation: Middle value of all simulated prices = $24.77
Standard Deviation Calculation: Measure of the spread of simulated prices = $9.74
Minimum Simulated Price: Lowest simulated price = $15.92
Maximum Simulated Price: Highest simulated price = $57.38

Detailed Analysis for NEE

Scenario	Projected Profit
Historical (Bought at Lowest)	$4781.68
Zero Growth	$1541.70
Growth Scenario	$2356.96

Stock Growth Analysis:

Stock Growth Calculation for NEE:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 71.62
Initial Price: 52.61
Calculation: ((71.62 - 52.61) / 52.61) * 100 = 36.15%
Stock Growth: 36.15%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-23 (Price: $40.26)
Best Day to Sell: 2021-12-31 (Price: $85.68)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $40.26):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $40.26 = 18.63 shares
Dividend Yield: 3.1600
Current Price: $71.38
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (3.1600 * $71.38 * 12 / 12) * 18.63 = $4201.95
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (18.63 * $71.38) + $4201.95 - $750.00 = $4781.68
Potential Profit if Bought at Lowest: $4781.68

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $71.38):
Projected Profit if Bought Today: $1541.70
Investment Cost: $713.75, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((3.1600 * 71.375) * 12/12)*10.00) = $2255.45
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $2255.45 - $713.75 = 1541.70
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $97.17):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $2356.96

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$96.95
Median Simulated Price	$93.54
Standard Deviation	$16.28
Minimum Simulated Price	$69.96
Maximum Simulated Price	$138.62

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $96.95
Median Simulated Price Calculation: Middle value of all simulated prices = $93.54
Standard Deviation Calculation: Measure of the spread of simulated prices = $16.28
Minimum Simulated Price: Lowest simulated price = $69.96
Maximum Simulated Price: Highest simulated price = $138.62

Detailed Analysis for KHC

Scenario	Projected Profit
Historical (Bought at Lowest)	$8088.26
Zero Growth	$1288.28
Growth Scenario	$1679.14

Stock Growth Analysis:

Stock Growth Calculation for KHC:
Formula: ((Final Price - Initial Price) / Initial Price) * 100
Final Price: 31.32
Initial Price: 25.18
Calculation: ((31.32 - 25.18) / 25.18) * 100 = 24.40%
Stock Growth: 24.40%

Optimal Buy and Sell Days:

Optimal Buy and Sell Days:
Best Day to Buy: 2020-03-12 (Price: $16.25)
Best Day to Sell: 2022-05-13 (Price: $39.20)

Profit Comparison:

Historical Profit Projection (Bought at Lowest):

Historical Profit Projection (Bought at Lowest - Price: $16.25):
Formula: (Shares at Lowest * Current Price) + (Dividend Earnings) - Total Investment
Shares at Lowest: Total Investment / Lowest Price = $750.00 / $16.25 = 46.15 shares
Dividend Yield: 5.1100
Current Price: $31.34
Dividend Earnings: (Dividend Yield * Current Price * Months Held / 12) * Shares at Lowest = (5.1100 * $31.34 * 12 / 12) * 46.15 = $7391.73
Profit: (Shares at Lowest * Current Price) + Dividend Earnings - Total Investment = (46.15 * $31.34) + $7391.73 - $750.00 = $8088.26
Potential Profit if Bought at Lowest: $8088.26

Projected Profit (Zero Growth Scenario):

Projected Profit (Zero Growth Scenario - Price: $31.34):
Projected Profit if Bought Today: $1288.28
Investment Cost: $313.45, Number of stocks: 10
Dividend Earning = ((dividend_yields[ticker] * current_prices[ticker]) * Months Held/12)*Number of stocks = (((5.1100 * 31.345) * 12/12)*10.00) = $1601.73
Projected Profit if Bought Today: Dividend Earning - Investment Cost = $1601.73 - $313.45 = 1288.28
Calculation Details: See 'Net Profit (USD)' in Stock Performance Summary above.

Projected Profit (Growth Scenario):

Projected Profit (Growth Scenario - Predicted Future Price: $38.99):

The future profit = (Annual dividend yield * predicted_future_price * Holding months / 12)*number of stocks - Current Price.
The Future Projections $1679.14

Monte Carlo Simulation:

Metric	Value
Mean Simulated Price	$45.69
Median Simulated Price	$40.45
Standard Deviation	$13.37
Minimum Simulated Price	$25.48
Maximum Simulated Price	$81.54

Monte Carlo Simulation Calculations:

Mean Simulated Price Calculation: Average of all simulated prices = $45.69
Median Simulated Price Calculation: Middle value of all simulated prices = $40.45
Standard Deviation Calculation: Measure of the spread of simulated prices = $13.37
Minimum Simulated Price: Lowest simulated price = $25.48
Maximum Simulated Price: Highest simulated price = $81.54