2016

A screenshot of a computer

Description automatically generated with medium confidence

2017

A screenshot of a computer

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2018

A screenshot of a computer

Description automatically generated with medium confidence

2019

A screenshot of a computer

Description automatically generated with medium confidence

2020

A screenshot of a computer

Description automatically generated with low confidence

Question 1

3)

2016-more days with positive returns

2017-more days with positive returns

2018-more days with positive returns

2019-more days with positive returns

2020-more days with positive returns

4)

2016-you gain and lose similar returns

2017-likely to lose more based on day of the week

2018-you lose more than you would gain

2019-you gain and lose similar returns

2020-will gain more then you lose

5)

2016-very similar throughout the week

2017-bigger positive returns Monday and Tuesday, with larger negative returns the rest of the week

2018-lose a lot more Monday Thursday and Friday than you would gain, with Tuesday and Wednesday having similar positive and negative returns

2019-same throughout the week

2020-similar every day except Tuesday, which has a massive positive return compared to negative

Question 2

1)  
2016-no recognizable pattern

2017-no recognizable pattern

2018-despite more positive days, negative returns were bigger on average and money would always go down

2019-Thursday is most likely to be a negative return

2020-Monday to Wednesday have a positive to negative return ration of ½, gaining most on Tuesdays

2)

Monday-negative return average for 4 of 5 years, with similar positive returns rate every year except 2019

Tuesday-positive for 4 of 5 years

Wednesday-always has positive return average for the year

Thursday-has a negative return average every year

Friday-similar positive and negative returns for every year except 2018

3)

2016-highest return on Friday with lowest return on Monday

2017-highest return on Monday with lowest return on Thursday

2018-highest return on Wednesday with lowest return on Monday

2019-highest return on Friday with lowest return on Thursday

2020-highest return on Tuesday with lowest return on Monday

4)

Yes, the best and worst days change from year to year

Question 3

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1)

For GAB, Tuesday is the best and Thursday is the worst

For SPY, Tuesday is the best and Monday is the worst

2)

Only Tuesday is the best for both

Question 4

1)

I would have $33,820 from GAB

2)

I would have $10,486 from SPY

Question 5

1)

For GAB its $205.28

For SPY its $197.96

2)

They are significantly lower

Question 6

1)

Scenario A

GAB $15,441.75

SPY $7841.70

Scenario B

GAB $13181.75

SPY $7406.08

Scenario C

GAB $10,386.94

SPY $7278.40

2)

For GAB We Gain more by missing the worst days. We lost more money trading during the 10 worst days then we did missing the 10 best days

For SPY it is the same

3)

For GAB there is a major difference between question 4 and the value accumulated with scenario C

For spy the difference is minor, but noticable