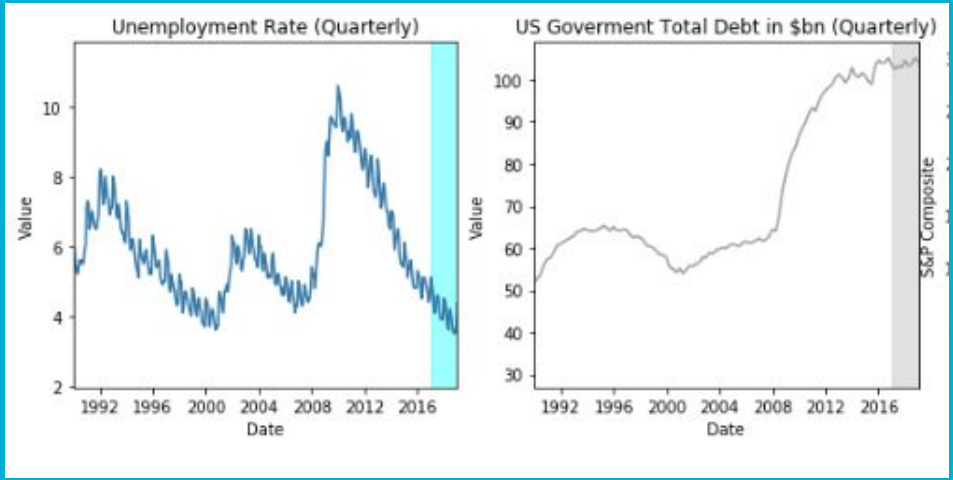
Donald Trumps Re-election

Overview

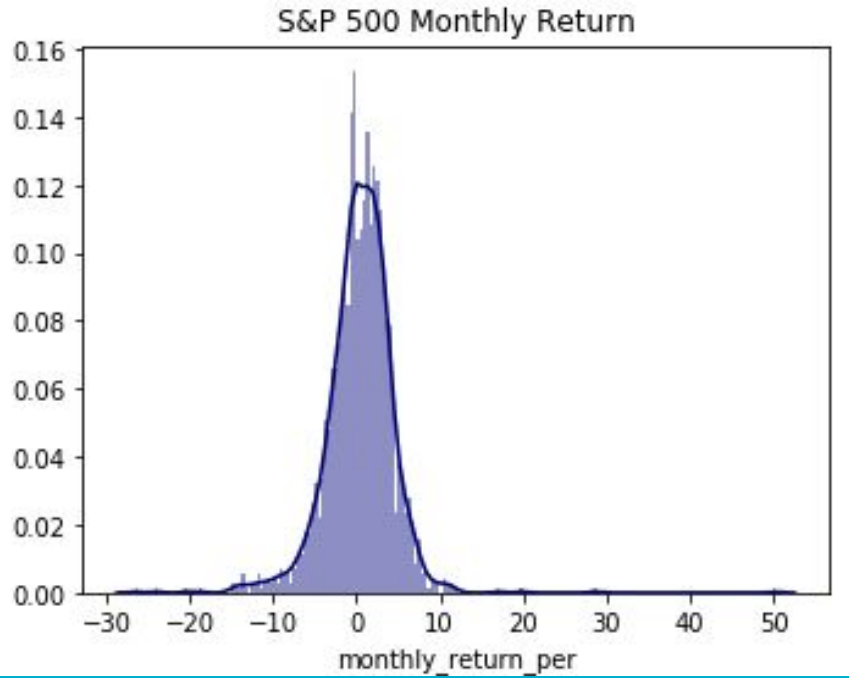
Current betting markets list Donald Trump as the favorite candidate for winning the presidential election in 2020 with betfair's implied odds suggesting a 40% chance of winning.

Given his claims around the economy, would his re-election be a good indicator for businesses considering large investment around this time.


Unemployment Rate (Quarterly)
Value
Date
US Goverment Total Debt in $bn (Quarterly)
Value
S&P Composite
Date

S&P 500 Monthly Return
Value
Year
Trade Balance
Date

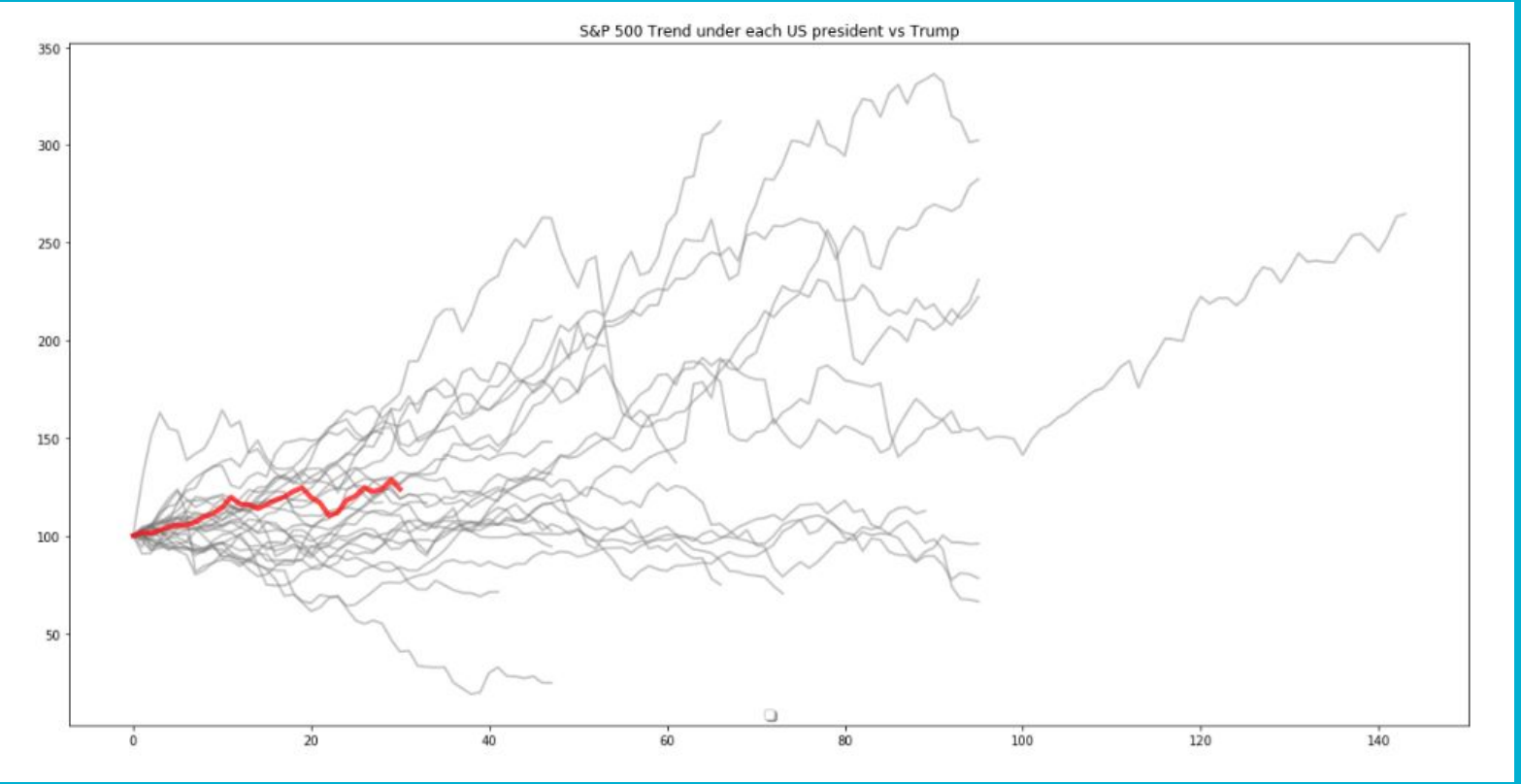
H_0: Trump has no effect on the rate of growth of the S&P 500
H_1 = Trump is increasing the rate of growth of the S&P 500

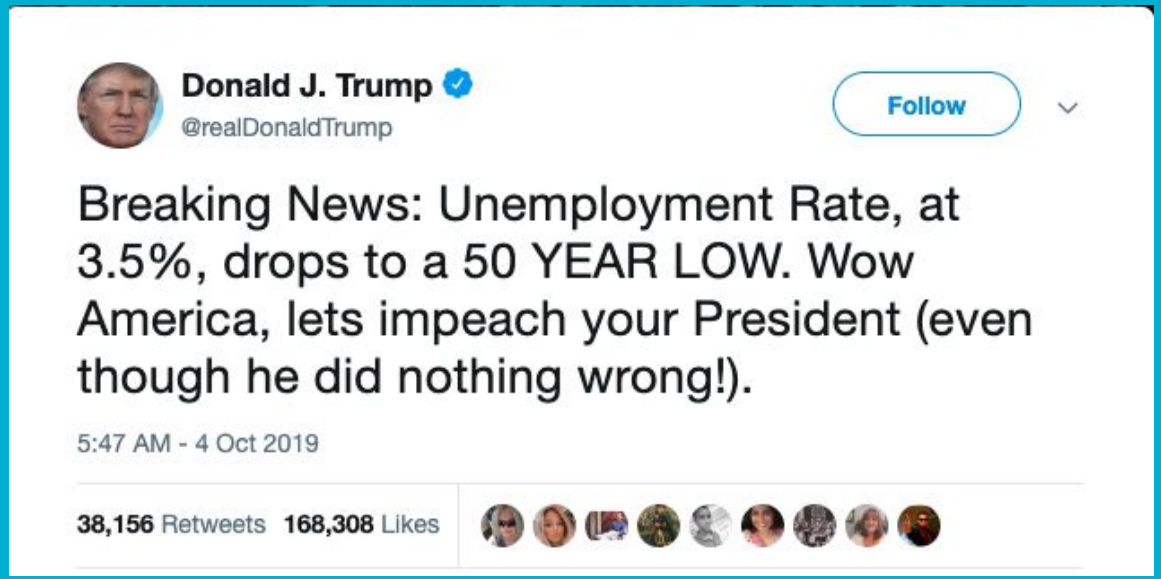


Data Distribution:

- Different Variance
- Different Sample Size

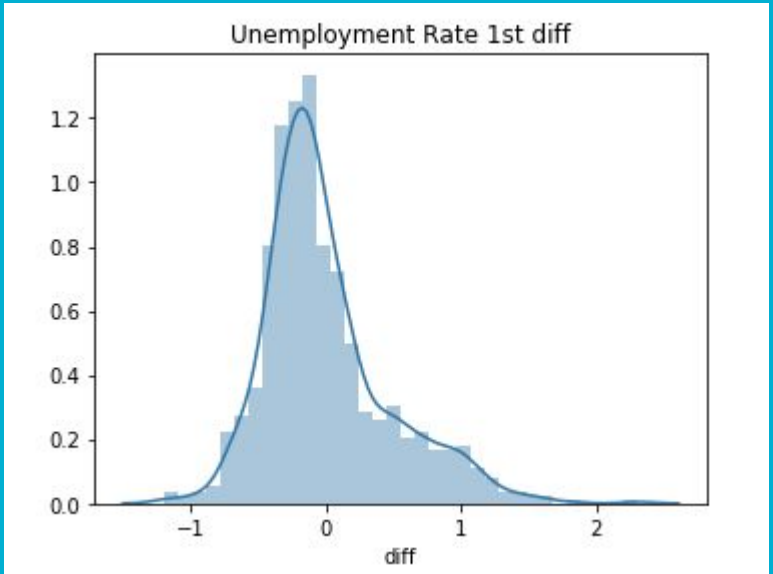
We performed a Welch's T-Test, giving a P-value of 0.45. Therefore we were unable to reject the null hypothesis.


S&P 500 Trend under each US president vs Trump
350
300
250
200
150
100
50
0
20
40
60
80
100
120
140



H_o: Trump has no effect on the unemployment rate

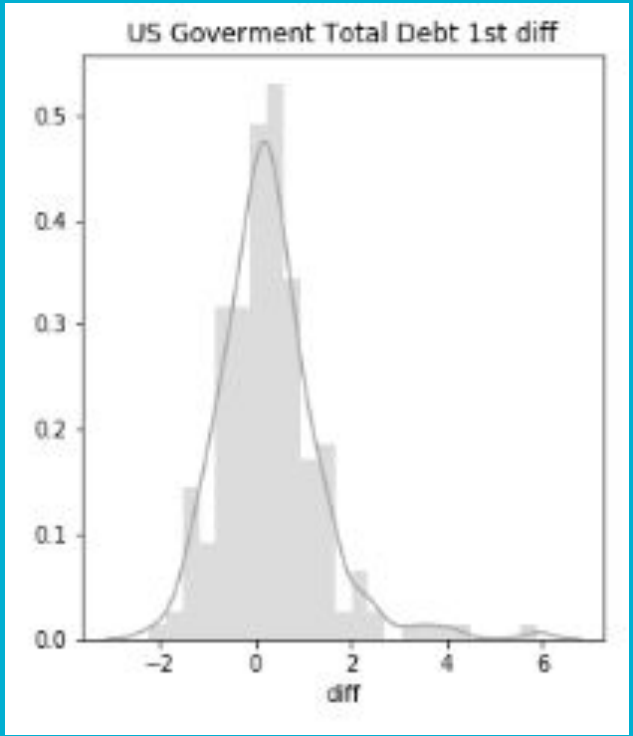
H_1 = Trump is decreasing the rate of unemployment rate



Data Distribution:

- Different Variance
- Different Sample Size

We performed a Welch's T-Test, giving a P-value of 0.34. Therefore we were unable to reject the null hypothesis once again.



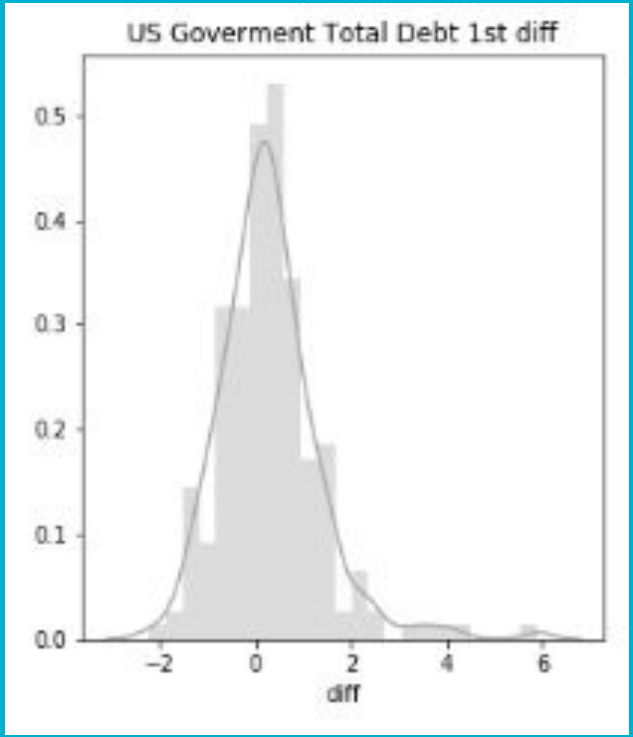
Media has not reported the National

Debt went down by $12 billion vs

$200 billion increase in Obama in his first month.

H0 - Trump has no effect on National debt

H1 - Trump has reduced the level of National Debt in the USA



Data Distribution:

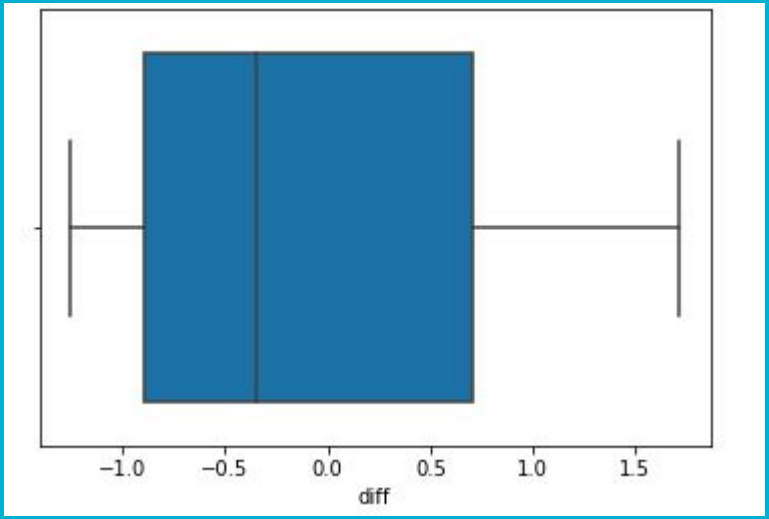
- Different Variance
- Different Sample Size

We performed a Welch's T-Test, giving a P-value of 0.407. Therefore we were unable to reject the null hypothesis once again.

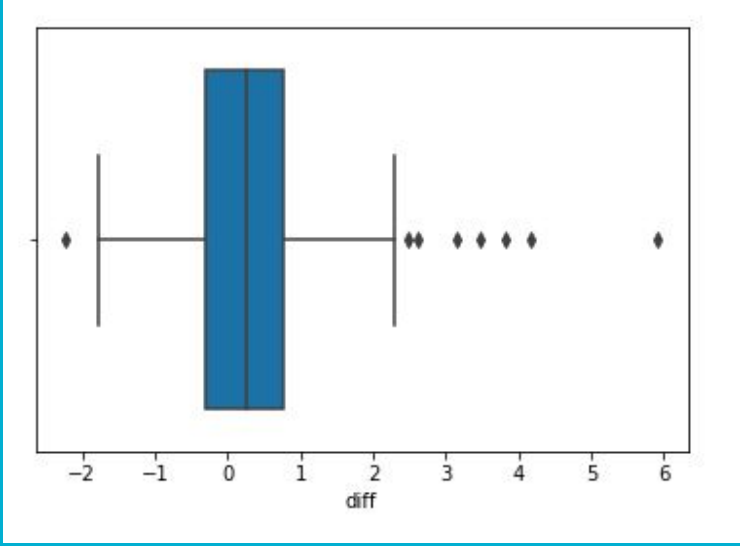
Proposed deliverables

Deliverable 1	**Welch T-Test**
Deliverable 2	• We had a P-Value of 0.407
Deliverable 3	0.407 p-value means we cannot reject our H0
Deliverable 4	0.8699 T-statistics

National Debt Trump

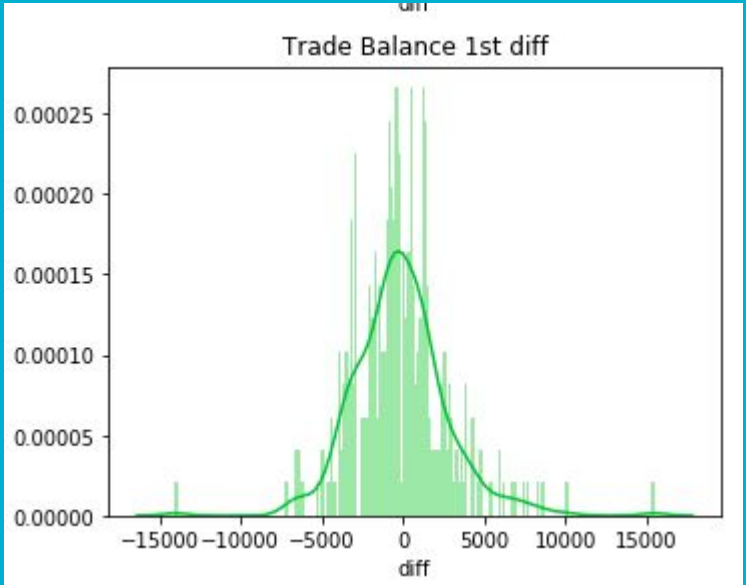


National Debt All



H_o: Trump has no effect on the rate of change of the balance of payments

H_1 = Trump is decreasing the rate of change of the balance of payments



Data Distribution:

- Different Variance
- Different Sample Size

We performed a Welch's T-Test, giving a P-value of 0.83. Therefore we were unable to reject the null hypothesis.

Questions