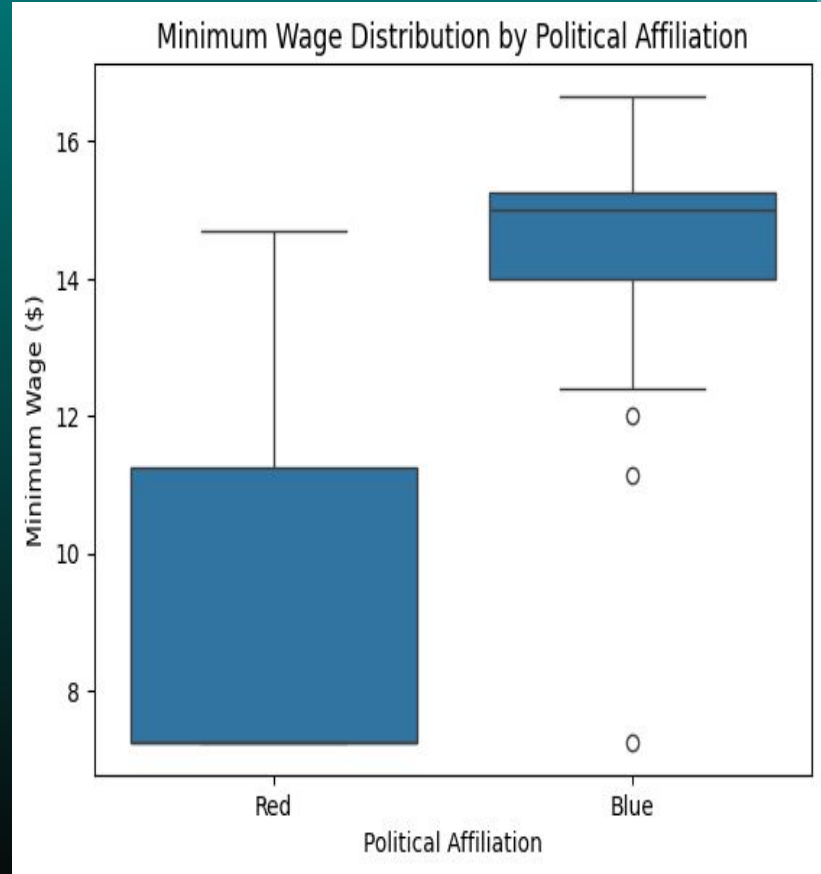


Research Question:
Is there a
relationship
between a states
political affiliation
and its minimum
wage?

Visualization: Box Plot



Key Findings:

- Political affiliation does matter
 - Red states pay \$4.20 less than blue states on average, controlling for cost of living
 - Strong statistical evidence ($p < 0.001$)
- Cost of living has a small effect
 - Cost of living coefficient is positive but small suggesting it influences minimum wage only slightly
- Box Plot
 - Blue states cluster around higher minimum wages
 - Red States cluster near the federal minimum wage (\$7.25) and have more variability

Main Conclusion:

The results of my analysis show that there is a relationship between a states political affiliation and its minimum wage. A states political affiliation is the strongest predictor of its minimum wage level, even after controlling for differences in costs of living . The box plot clearly shows red states are associated with lower minimum wage levels while blue states have higher levels.