

## Assignment 4. One sample proportion population test

Work in pair. Write down your answers to all the questions. Show the instructor in class for credits.

1. Form a proportion population hypothesis about class of 2025 at Bryant. Write down both the null hypothesis ( $H_0$ ) and the alternative hypothesis ( $H_1$ ).
2. Collect data from your classmates to test the hypothesis. Your sample size must be at least 30.
3. Use Minitab to calculate the p-value. Is the p-value small (less than .05)? Does the data support your hypothesis?

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