

The background image shows a modern building interior. At the top, there is a large, colorful mural with geometric patterns in green, yellow, red, and blue. Below the mural is a large, circular, ornate ceiling fixture. To the right, a wide staircase with a glass railing leads up. In the foreground, there is a long table with chairs, and a person is standing near it. The overall lighting is warm and orange.

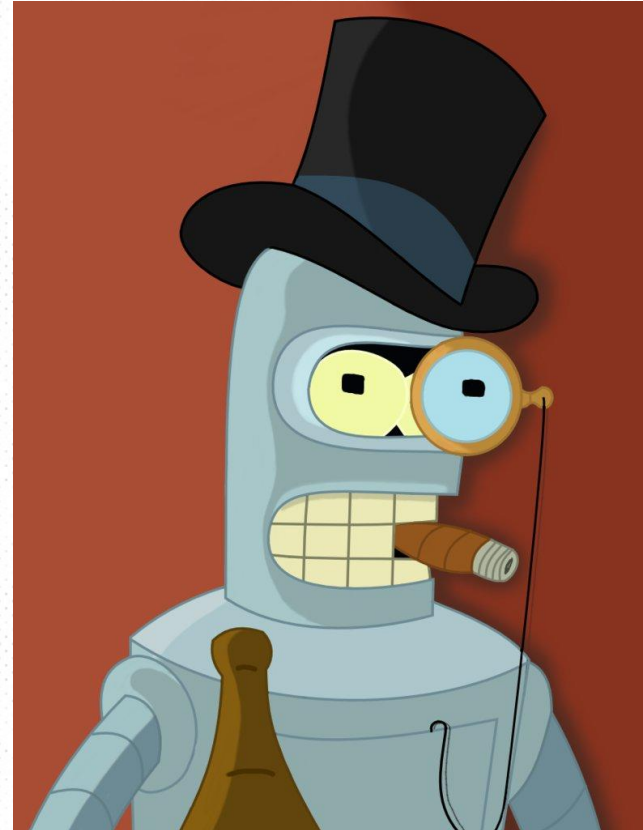
galvanize

G103 Capstone 1

Comparison of Heights of ACC Women's Basketball Players

Clint Ricks

- Bachelors in Chemistry - Materials Science from the United States Air Force Academy
- Worked as a Personnel officer in the Air Force in CA, CO, and South Korea
- I'm really interested in basketball, but also recently in the industry growth of eSports.

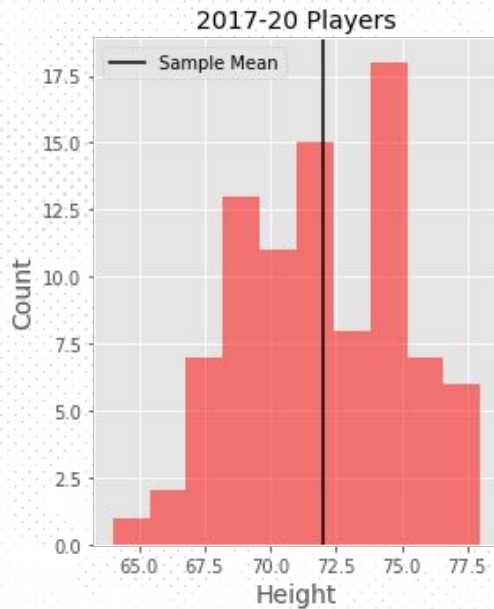
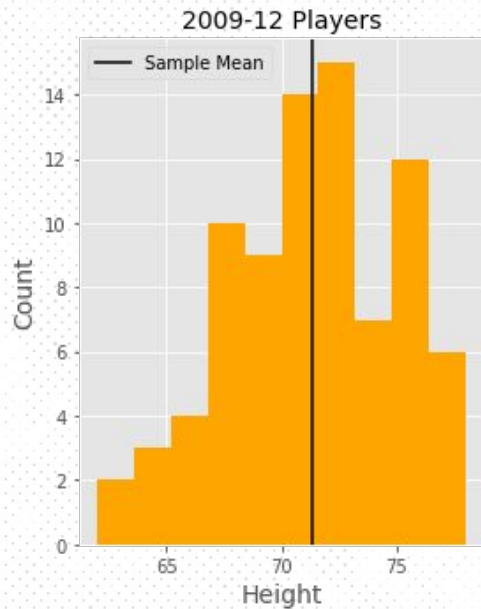


Study



- Purpose: See if there is a difference in average player height between 2009-2012 and 2017-2020
- H_0 - The average player height between year groups is equivalent
- Scraped (4) team sites for roster info & stored in MongoDB
- Parsed w/BeautifulSoup & cleaned/formatted for analysis
- Used matplotlib for visual analysis & ran t-test for hypothesis testing

Key Result



- I failed to reject the null hypothesis, with a p-value of .171
- The two populations have not been proven to be statistically different