Blood Pressure, Body Mass Index, & Life Expectancy

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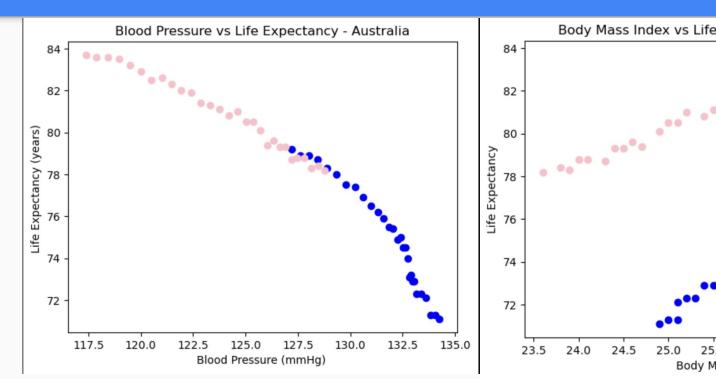
Introduction

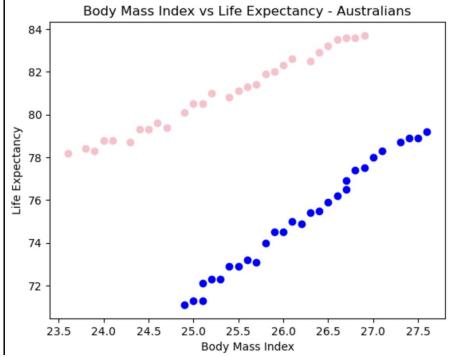
- Focuses on the healthcare problems surrounding human blood pressure, body mass index (BMI), and life expectancy
- Will allow us to see the **existing relationships** between these three variables

Chosen Country

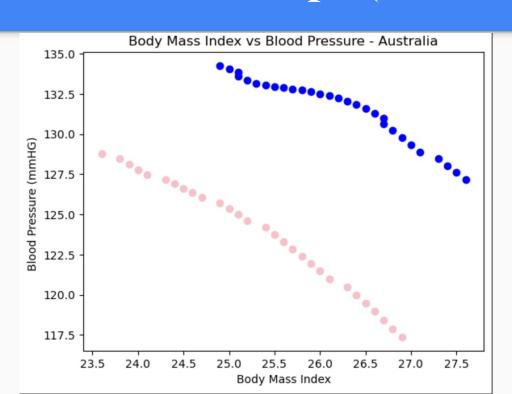
- Chose one country from each continent
 - Australia's Covariance and R^2 values were the highest out of the investigated countries
 - Having the **strongest correlation** makes its collected data and relationships the **most reliable**

Determined Relationships

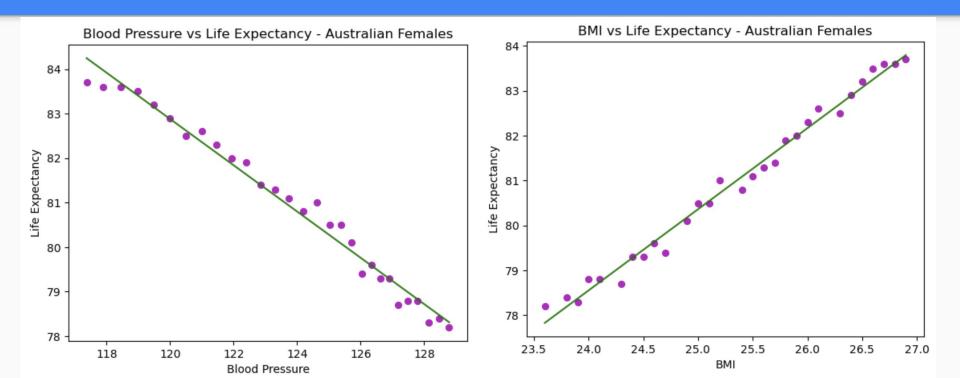




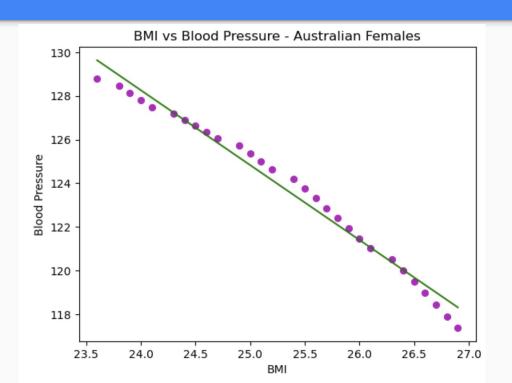
Determined Relationships (continued)



Linear Regression



Linear Regression (continued)



Conclusion

- People with a long and healthy life <u>tend</u> to have low blood pressure and a high BMI value
 - Correlation *does not equal* Causation