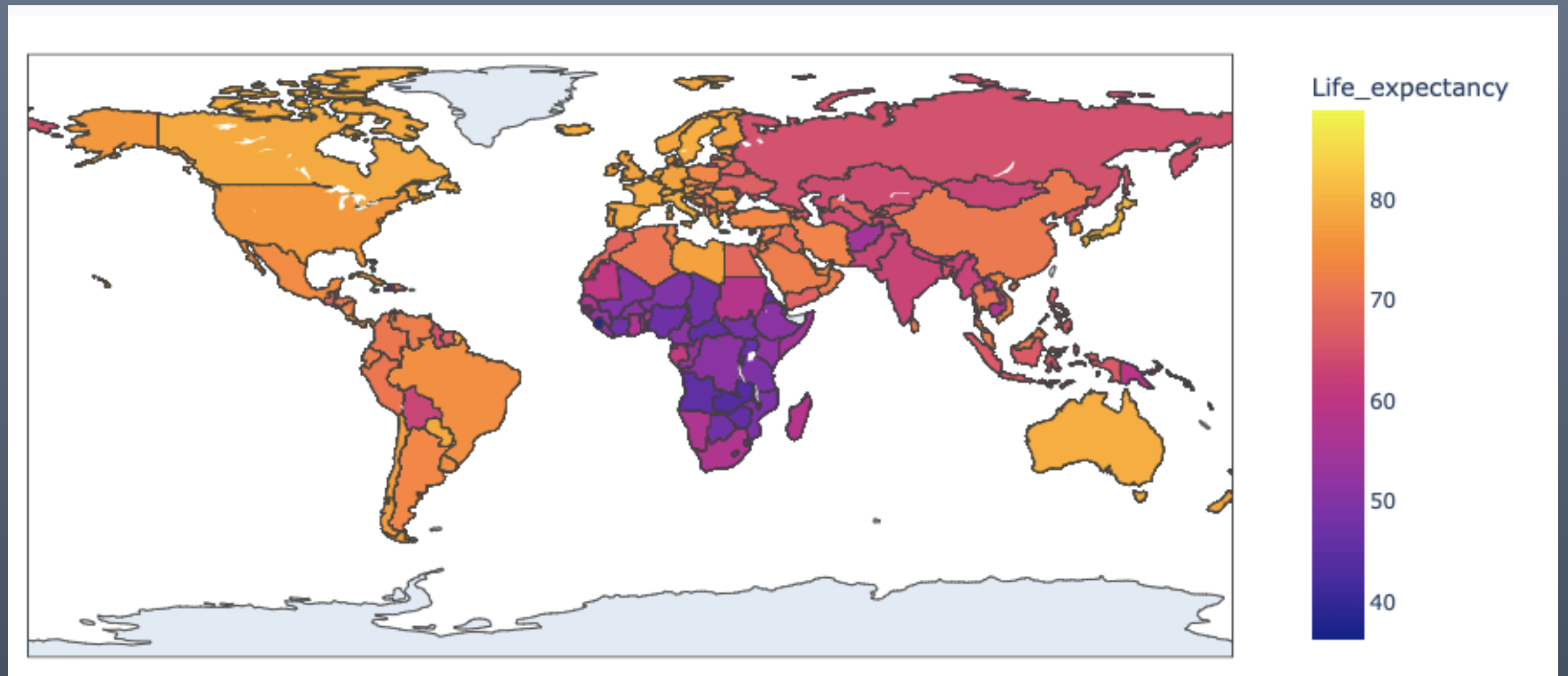




Improving Life Expectancy  
Jessica Guzzo  
Student  
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# GOAL: INCREASE LIFE EXPECTANCY WORLDWIDE

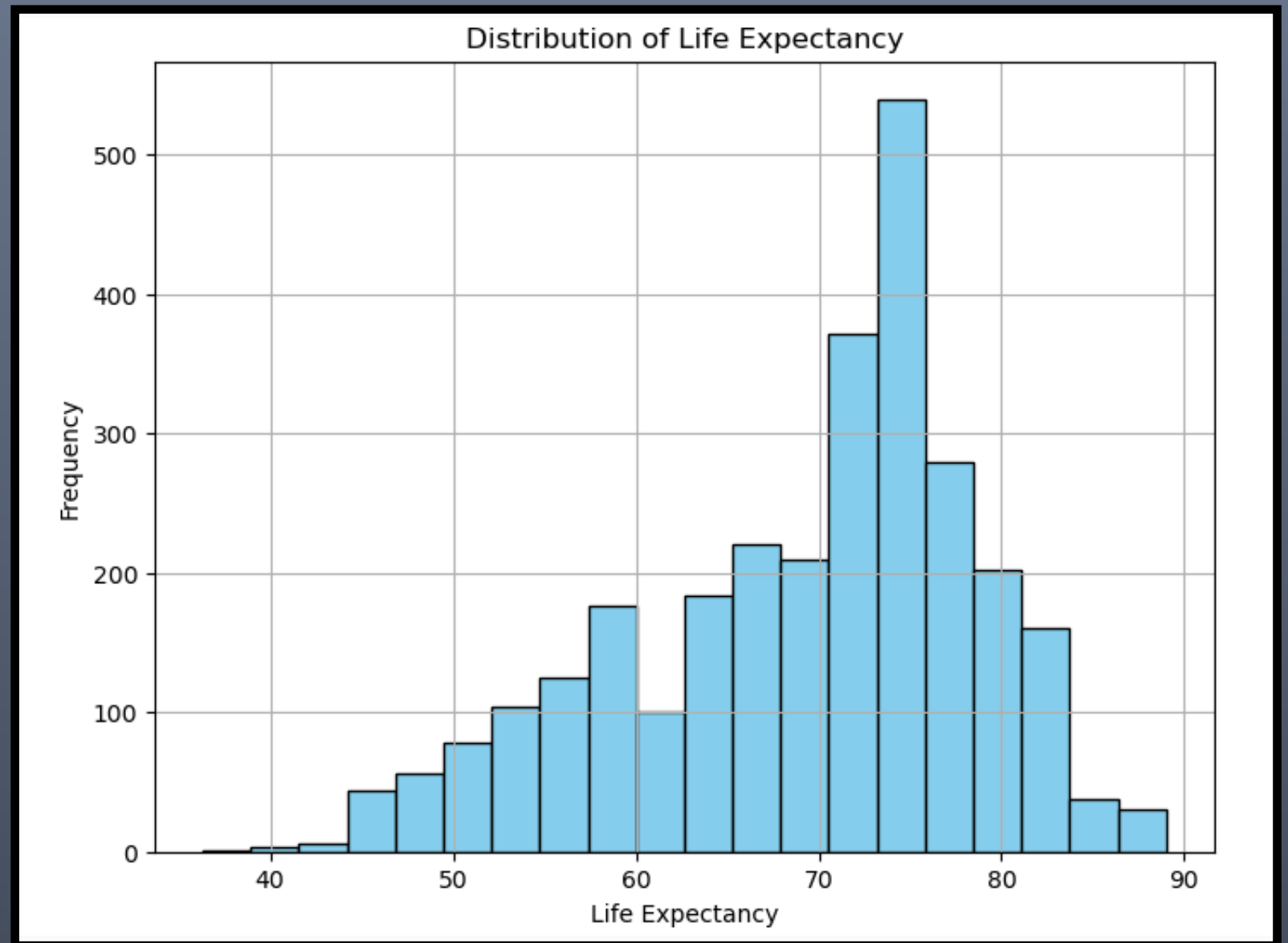


# EXPLORING DATA

- 69 years

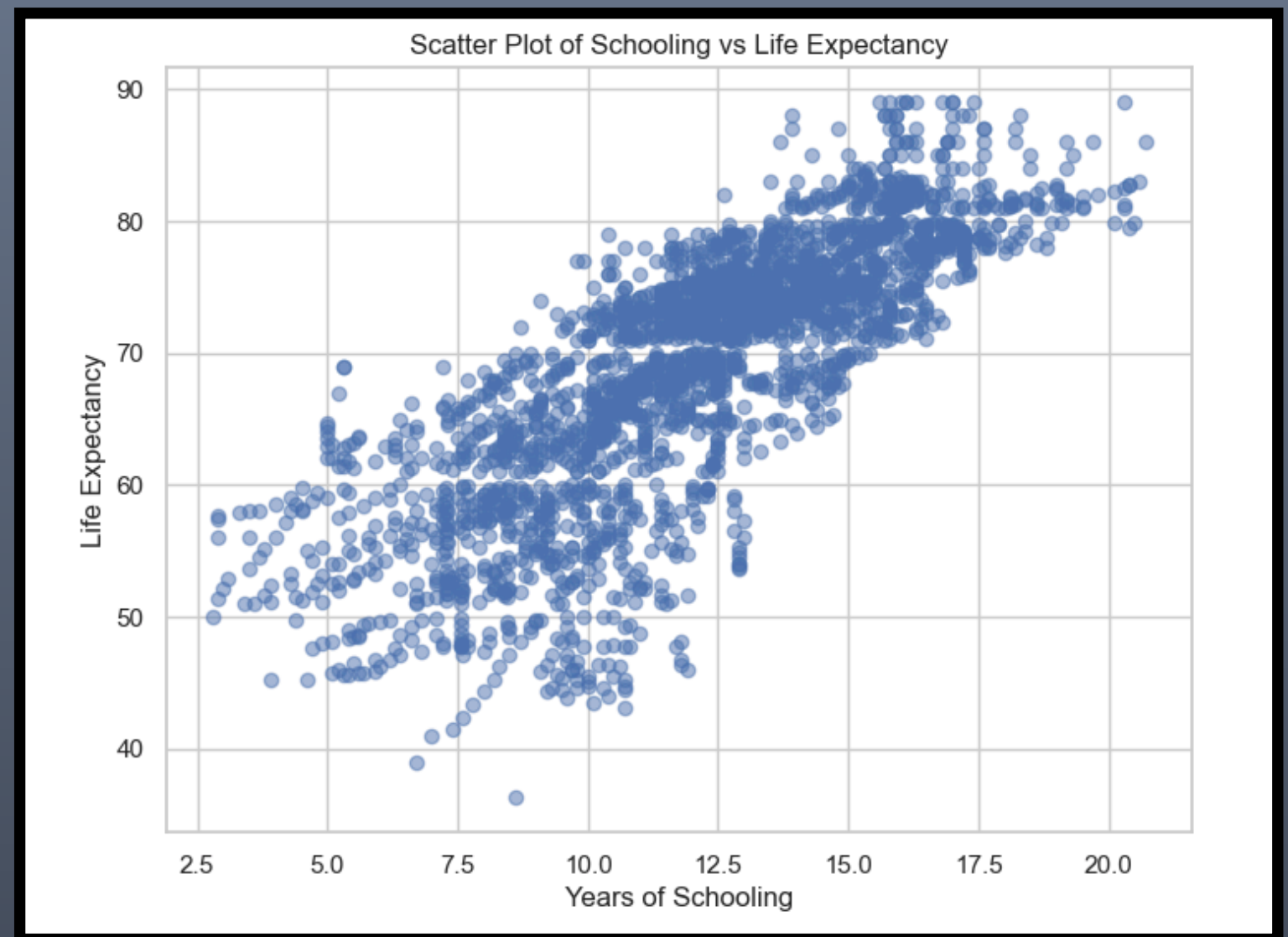
- Highest Japan

- Lowest Sierra Leone



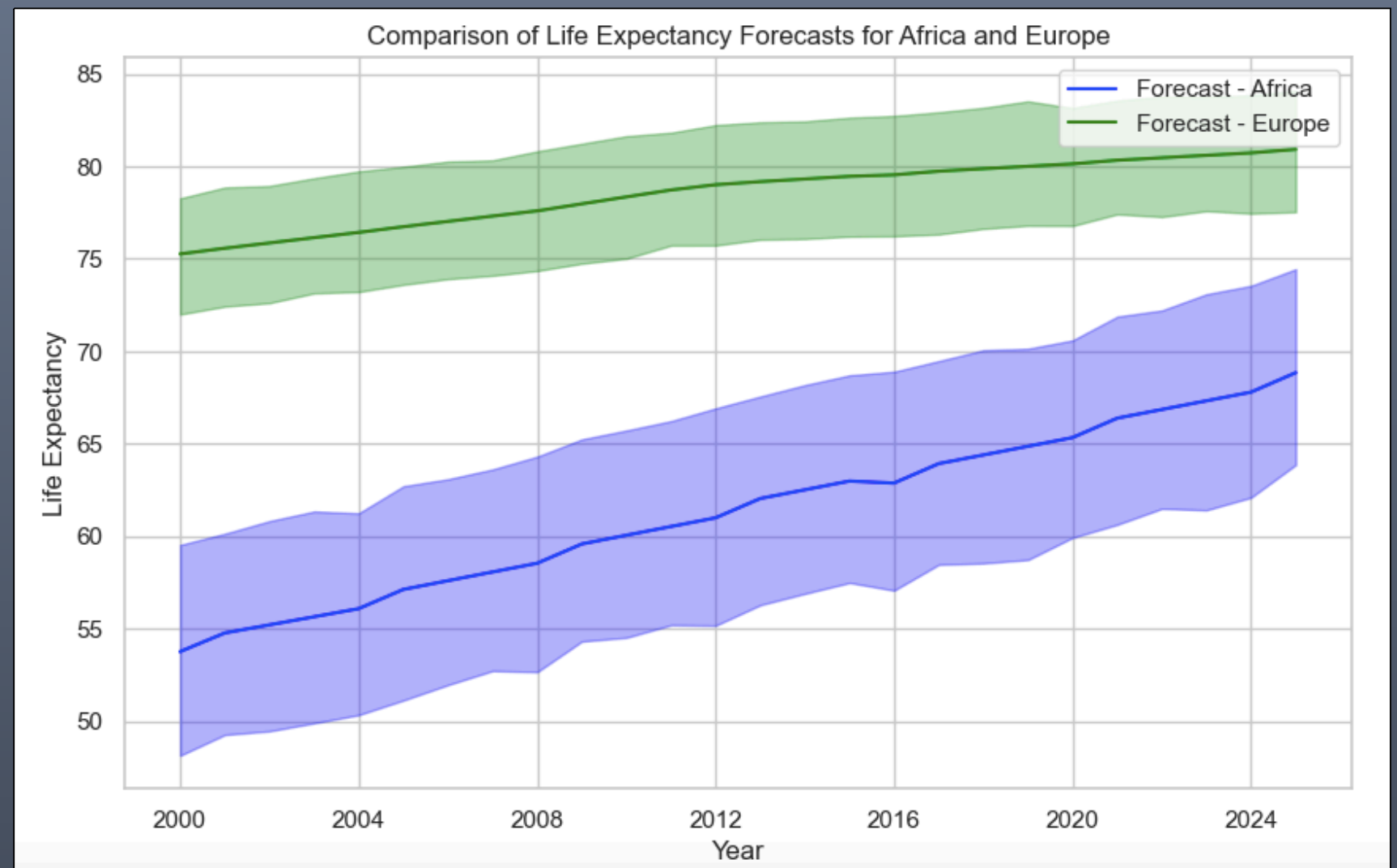
# MULTIPLE LINEAR REGRESSION MODELING

- R-Squared 0.51
- Schooling
- Alcohol
- At least Basic water



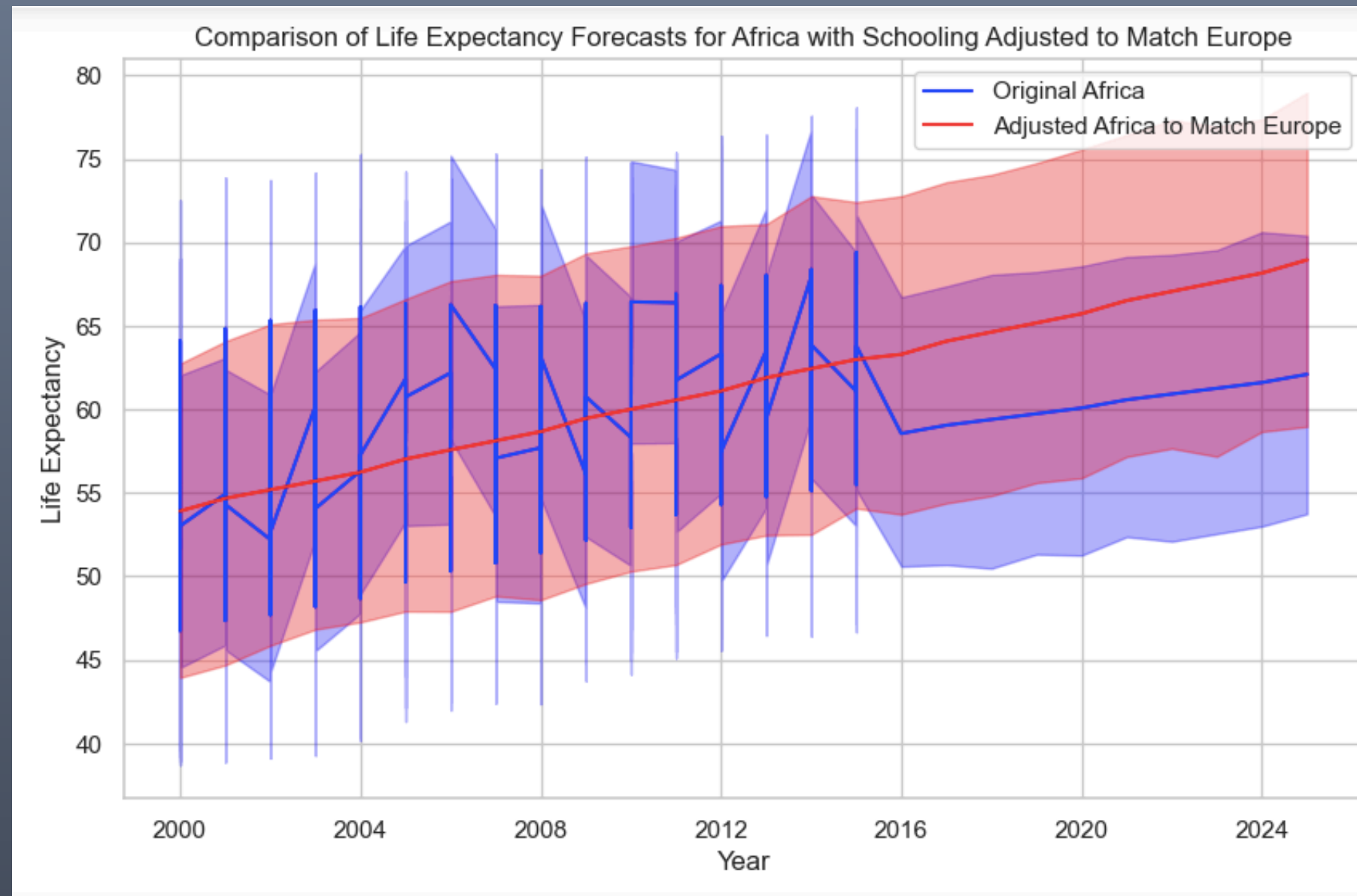
# TIME SERIES AFRICA VS EUROPE

- Europe remains higher
- Africa increasing faster rate



# TIME SERIES MODEL AFRICA SCHOOLING

- Unadjusted schooling 50's
- Adjusted schooling 60's
- 6 year increase



# LIMITATIONS AND NEXT STEPS

- More years and countries
- Covid, AIDS
- Wars
- Gender differences

# RECOMMENDATIONS

- Increase School Years
- Decrease Alcohol Consumption
- Focus on developing countries
- Ensure access to water



# THANKYOU!

Any questions?

By Jessica Guzzo

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Student

