### Presentation Outline

(Max 12 slides)

1. Introduce dataset
   1. Objective: Find relationship between life expectancy and schooling
2. Methods + explanation of why we use these methods
   1. Why use Moore-Penrose, CGS, MGS, Householder, and SVD
3. Moore-Penrose
4. CGS
   1. Code
   2. Conclusion
      1. Using what to compare?
5. MGS
   1. Code
   2. Conclusion
      1. Using what to compare?
6. Householder
   1. Code
   2. Conclusion
      1. Using what to compare?
7. SVD
   1. Code
   2. Conclusion
      1. Using what to compare?
8. Comparison Chart
   1. Chart
9. Comparison Chart 2
   1. Graph the fitted line + explain why we think the methods chose cubic
10. Condition Number
    1. Why do the condition numbers increase as # of terms increases
11. Adding Noise
    1. Purpose (why are we adding noise)
    2. Conclusion
12. ()

### Potential Questions to Address

1. Why we chose to fit linear, quadratic, cubic, log models to the data