

Solving Quantum Mechanics Problem in Python

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Group Work Activity!

1. For groups of 2-3. If you have a strong programming background but a weaker physics background, try to find a group member with a weaker programming background but a stronger physics background.
2. From lecture 3, create a program that will find the probability of all of the age groups, the expectation value for age, the expectation value for the insurance rate, and the standard deviation. Compare
3. For each of the example problems at the end of lecture 4, solve them using programming and compare your answers to those you submitted for your pre-class assignment. You may use a linear algebra package for this part to do the multiplication and find eigenvalues and eigenvectors.