

# AI ALIGNMENT COHORT RESOURCES

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## Pre-reads for 7/19 Session:

### Probability and Statistics:

#### Expected value, Variance, Independence, and Standard Deviation:

1. [Expected value, variance, and standard deviation](#)
2. [Finding the standard deviation of a dataset](#)
3. [A Study of Probability distributions, Mean and Standard deviations](#)
4. [Applications of independence](#)
5. [Independence](#)

#### Normal Distribution:

1. [Normal distribution](#)
2. [Normal distribution and Probability problems](#)

#### Additional resources:

1. [Central Limit theorem](#)

#### Calculus:

1. Calculus Videos: <https://www.3blue1brown.com/topics/calculus>
2. Section 4 : <https://www.cs.cmu.edu/~zkolter/course/15-884/linalg-review.pdf>

