

# 1. Objectives

## Bayesian Statistics Part 2

At the end of this lecture, you will be able to do the following:

- Explain the important factors involved in choosing a prior distribution.
- Distinguish between **conjugate priors** and **non-conjugate priors**.
- Compute **Jeffreys Prior** and understand the intuition behind its significance.
- Apply **Bayesian statistics** in simple estimation and inference problems.
- **Compare and contrast** results from **Bayesian** and **frequentist** statistical methods.

## Discussion

**Topic:** Unit 5 Bayesian statistics:Lecture 18: Jeffrey's Prior and Bayesian Confidence Interval / 1. Objectives

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