Bayesian Statistics

- **Prior Distribution**
  - Non Informative (Not idea)
  - Weakly Informative — High Variance
  - Strong Informative — Low Variance
  - Prior Knowledge
- **Likelihood Distribution** — Data
- **Posterior Distribution** — Update the beliefs after observing the data
- **Linear Regression**
  - Parameters
  - Credible Interval
  - The variable have a causal effect in the target variable