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Machine Learning with Python-From Linear Models to Deep Learning[Course](#)[Progress](#)[Dates](#)[Discussion](#)[Resources](#)[Course](#) / [Unit 4. Unsupervised Learning \(2 weeks\)](#) / [Lecture 15. Generative Models](#)[< Previous](#)

1. Objectives

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- Understand what **Generative Models** are and how they work
- Understand estimation and prediction phases of generative models
- Derive a relation connecting generative and discriminative models
- Derive **Maximum Likelihood Estimates (MLE)** for multinomial and Gaussian generative models

Discussion

Topic: Unit 4. Unsupervised Learning (2 weeks) :Lecture 15. Generative Models / 1. Objectives

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