Chapter $\boldsymbol{\mathcal{3}}$ Generative Models

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This part corresponds to Chapter 24, 31 in UML, Chapter ? in PRML, Chapter ? in PGM, and mainly answers the following questions:

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- 2.2 Non-parametric methods
- 3 Bayesian Reasoning
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- 5 Generative models
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Chapter 4. Linear models, perceptron, MLP, deep learning, Generalization bounds on deep learning.