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### Lecture 3: Parametric Statistical

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> 2. Objectives

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## 2. Objectives

### Parametric Statistical Models

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

- Construct a **statistical model**.
- Give several examples of statistical models involving commonly used distributions (e.g. Gaussian, Poisson)

- Distinguish between **parametric** and **non-parametric** statistical models.
- Determine whether or not a parameter in a statistical model is **identified**.

The Unit 2 slides below, which are for the next **5 lectures**, are also available in the resource tab at the top of this course site.

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