

# **Data Management Notes**

Intro to Statistics

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# Chapter 1

## Unit 1

## 1.1 Lecture 1

### 1.1.1 The Fundamental or Multiplicative Counting Principle

If a task is made up of *several stages*, then the number of choices is the **product** of the number of possibilities at each stage.

### 1.1.2 Additive Counting Principle

In a situation with actions that cannot occurred at the "same time" than the number of possibilities is the sum of the possibilities of all the actions