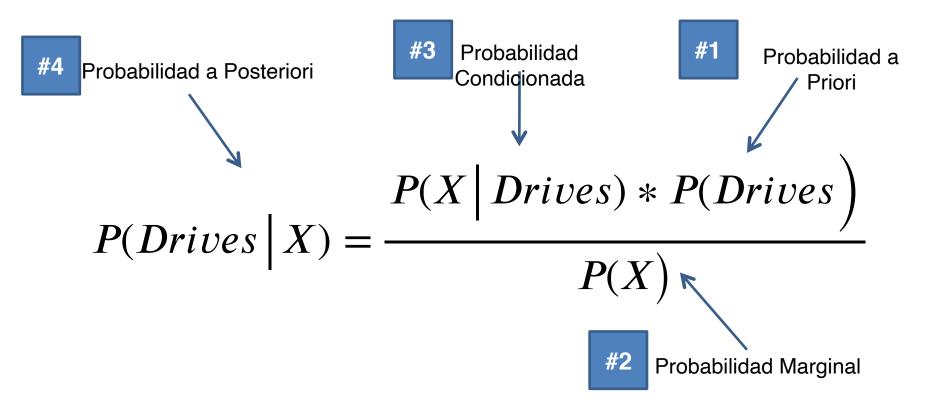
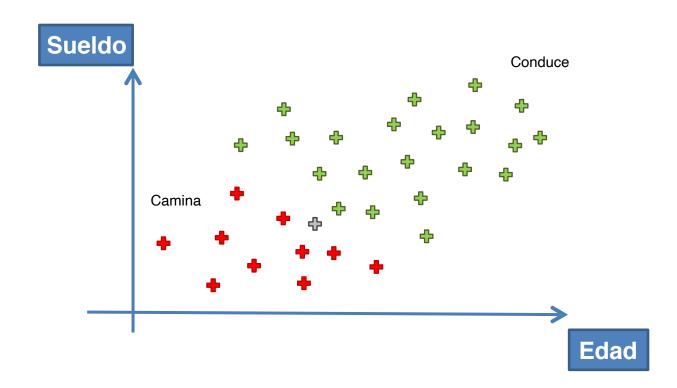
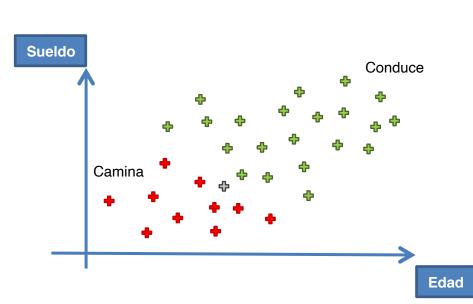
# Idea del Clasificador de Naïve Bayes (Solución del Reto)

#### Paso 2



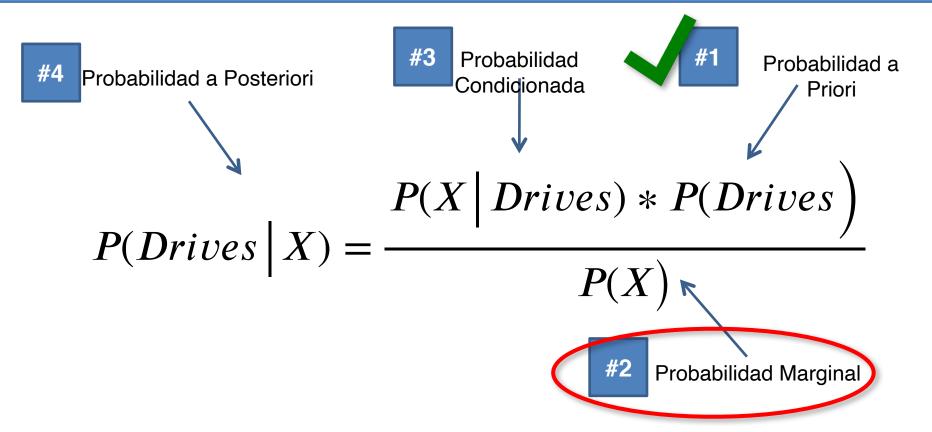


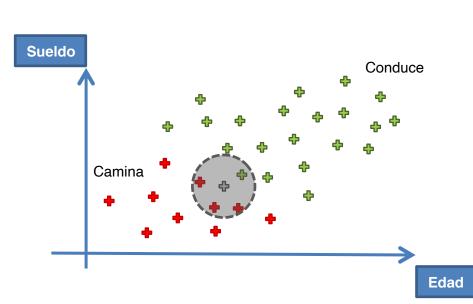


#### **#1. P(Conduce)**

$$P(Drives) = \frac{Number\ of\ Drivers}{Total\ Observations}$$

$$P(Drives) = \frac{20}{30}$$

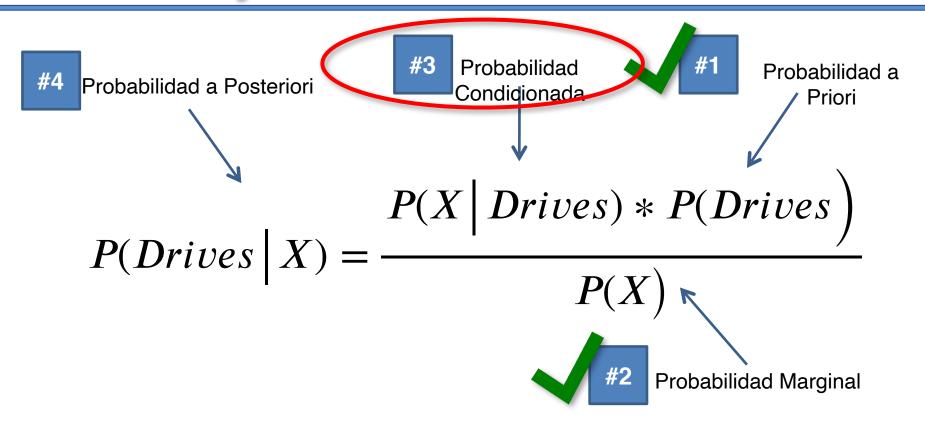


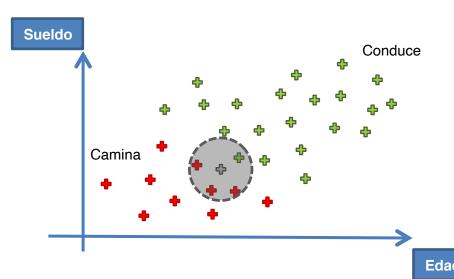


#2. P(X)

$$P(X) = \frac{Number\ of\ Similar\ Observations}{Total\ Observations}$$

$$P(X) = \frac{4}{30}$$





#### #3. P(XIConduce)

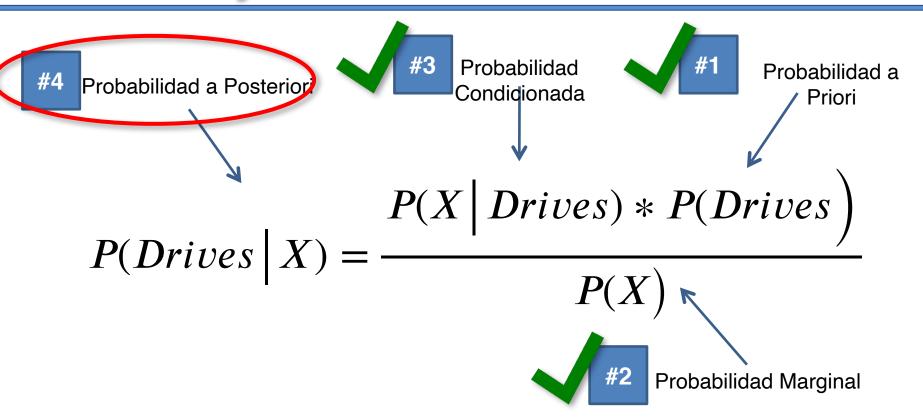
$$Number of Similar$$

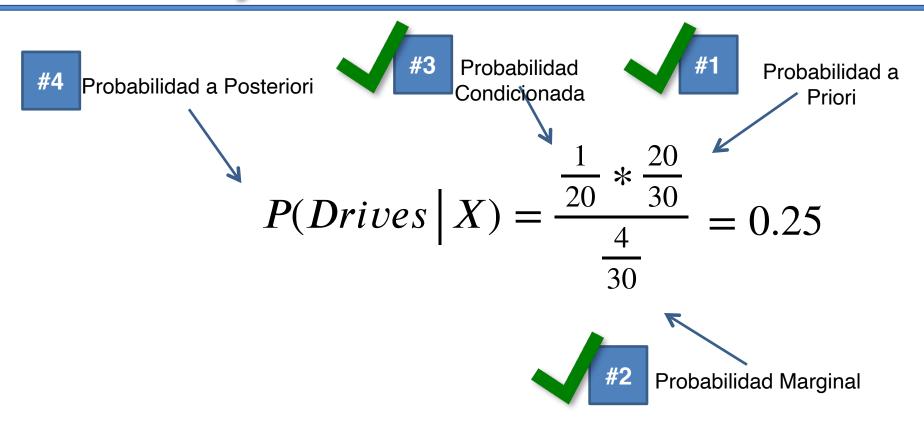
$$Observations$$

$$P(X | Drives) = \frac{Among those who Drives}{Total number of Drivers}$$

$$P(X | Drives) = \frac{1}{20}$$

Edad





## **Naïve Bayes**

Paso 2 – Fin.