

Example

0.4

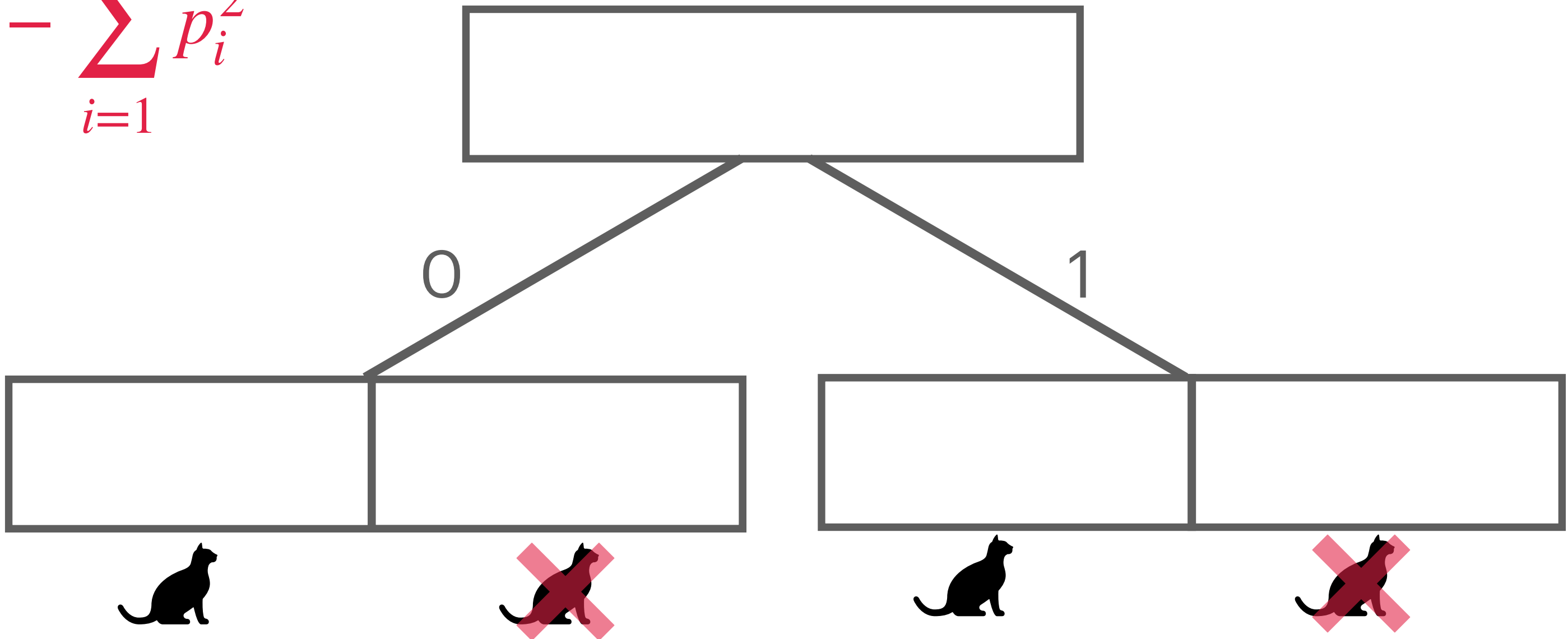
0.16

0.343

0.343

| cats | house | ho | children | income |
|------|-------|----|----------|--------|
| 1 | 0 | 1 | 1 | 34 |
| 0 | 1 | 0 | 1 | 58.3 |
| 1 | 1 | 1 | 0 | 71.5 |
| 0 | 0 | 0 | 1 | 74.9 |
| 0 | 0 | 0 | 1 | 75.3 |
| 1 | 0 | 0 | 1 | 75.6 |
| 0 | 0 | 0 | 1 | 81 |
| 1 | 1 | 1 | 0 | 82.3 |
| 1 | 1 | 1 | 0 | 85.6 |
| 1 | 1 | 1 | 1 | 95.4 |

$$GI = 1 - \sum_{i=1}^n p_i^2$$



Review: Basic Steps

