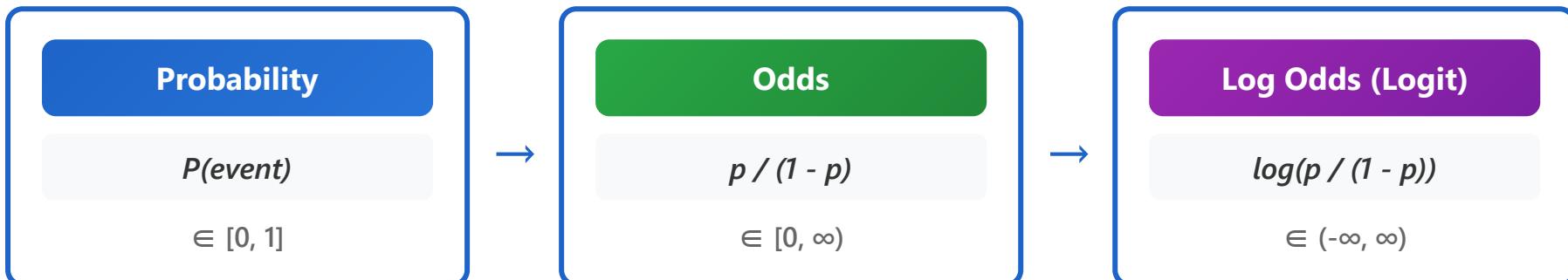


Odds and Log Odds



Key Insight:

Log odds can take any real value!

Linear model for log odds instead of probability

Example:

$$P = 0.8 \rightarrow \text{Odds} = 4 \rightarrow \text{Log odds} = 1.39$$

Bridge to Logistic Regression Formulation