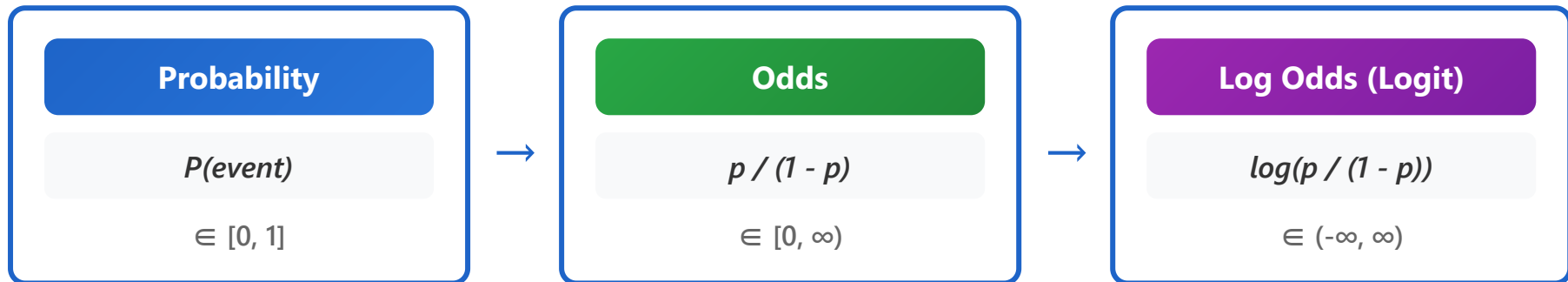


## Odds and Log Odds



Key Insight:

**Log odds can take any real value!**

Linear model for log odds instead of probability

Example:

$P = 0.8$

→

Odds = 4

→

Log odds = 1.39

**Bridge to Logistic Regression Formulation**