

Statistical

Cloudy	Rain	P(Rain Cloudy)
T	T	0.80
T	F	0.20
F	T	0.01
F	F	0.99



Logical

$\text{Rain} \Rightarrow \text{Cloudy}$

$\forall x, \forall y, \text{Smokes}(x) \wedge \text{Friends}(x,y) \Rightarrow \text{Smokes}(y)$

Propositional

Relational