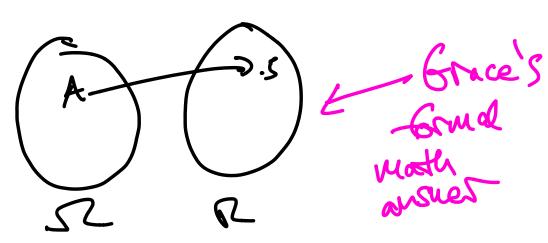
P(A) = # times A happens as # of experiments opes to H T T H H100%. 50%. 33%. 50%. 60%. 50% p(A)=.5 that means if we run appearants, then 50%. we will see A occur "fregentist view" How do we interpret P(A)?



Bayesian view

p(A) reflects your belief of how likely outcome A is to occur (based on data)

1001. 1001. 667. 507. 401. 50%.

Conditional Probability

P(A | B) = Probability of

event A, given

that you know

event B has

already occurred

P(Snows today | 100° yesterday)

P(snows today I snowed yesterday) p (long concer/smoler) us p(lung concer ] non surden) "aiven P(CID)="The probability,"
of C given D" P(outside | go play) go play? go play video gares go play on the swings "condonditioned on go plant"

