Frents

From Some Events

From Some Events

Tradependent Events

Eg: O Whether It will rain tomorous?

Eg: O Whether Ashok will get placed?

By placed if he has completed all arignment 4 projects.

Whether Leena will pass the exam?

Whether Leena will pass the exam?

Whether Leena will pass the exam?

Whether Leena will pass the exam [given]

that she how studied

for 8 hrs day for ]

The conditional probability of an event B is the probability that the event will occur given the Knowledge that an event A has already occured.

The conditional probability of an event B is the probability that the event will occur given that.

CP, Motation: - P(B|A)

 $P(B|A) = P(A \cap B)$  P(A)

Now the same player draws one more cond.
What is probability that he will get a heart only
Event B

12/51

P(2<sup>nd</sup> pic | 1<sup>st</sup> pick's already heart) = 12 51

P(B/A) = 12

(1) What is the probability that India Wins a motch when sachin scored a century?

Won False True All P(India Wins | Sachin scored a century)

Century

False 160 154 314

True 16 30 66

All 176 184 360

X 30/184

30/46

30/184

30/46

	. What is th	· probability	st Sachin
	might have	scored a	century given
Won False True All century False 160 154 314	What is the probability of Sachin might have scored a century given that India has won the match?		
True 16 30 46 All 176 184 360	30/184 4	20/184	7.1
46/360	30/184 /	3 1 11 1	30/184
	< P( IL		
16/176	< P(Sachm	Sampy a Century	India has