

Probability and Statistics (MA6.101)

Monsoon 2021, IIIT Hyderabad
14 September, Tuesday (Lecture 8)

Taught by Prof. Pawan Kumar

Probability

Independent Events

Two events E and F are called independent if

$$P(E \cap F) = P(E)P(F).$$

A set of n trials are called independent trials if

- each of them has the same set of outcomes.
- they are pairwise independent