

A prob. distro. maps events in the sample space to real numbers P(52)=1 P(A)20 for all A

The uniform distribution is a Kind of probability distribution where all events are equally likely. For all events A. the distribution is outerm



In de pendance!

If 2 events A and B are independent, ten p(ANB)=p(A)p(B)



P-SI

Examples:

Pipes busting + sunny day are depotent

Sunny day * Brookly nets win?

P(sunny day) P(win) =

P(sunny day) P(win)

HH HT

P(two heads) is independent of P(at least one head)

P(HH) = i P(A+ least 1 head) = 3/4
P(at least me head And two heads) = 1/4

P(A)P(B)=P(A(B) 1/4.3/4 # 1/4

Notindependent

P(200 165) Dependent P(6 f+ tall) Dependent

