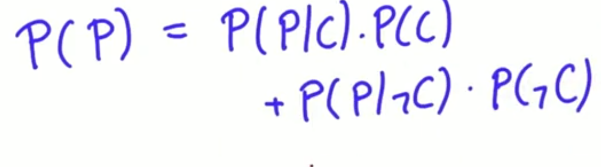
**Conditional Probability: P (A | B)**

Event A depends on Event B like in diseases:

P(positive | Cancer) = 0.9 => means if the patient had cancer then the probability of the examination test to be positive would be 0.9 (90%)

so, to get the probability of positive test case we need to get the probability of it when patient has cancer and adding it to the probability of it when patient doesn’t have cancer.

**Summary:**

