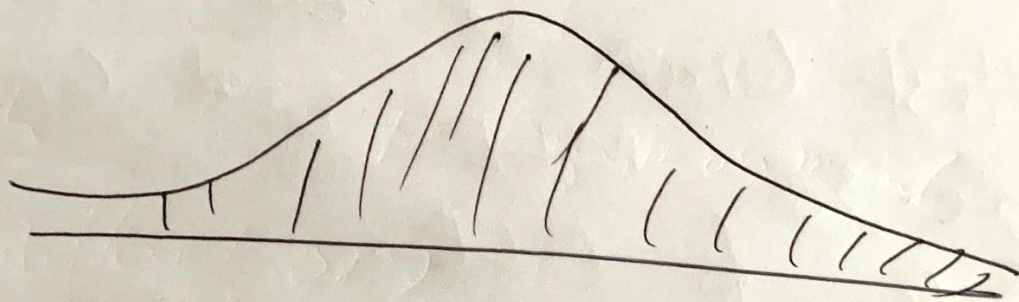


Binomial follows Normal Distribution

If we toss a coin ~~6~~ times and
Record it and iterate n times then
it follows normal distribution.

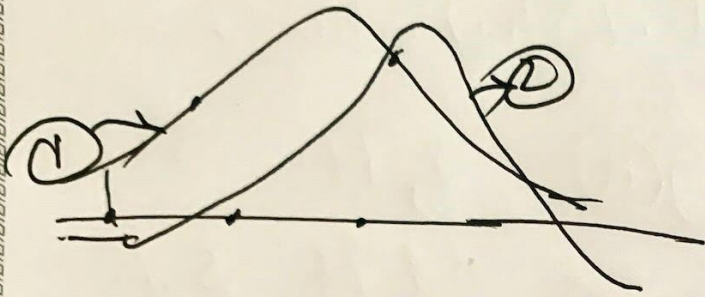
(H) (H) (T) (T) (T) (H)	3H 3T
(H) (T) (T) (T) (T) (T)	1H 5T
(H) (H) (H) (H) (H) (T)	5H 1T
(H) (H) (H) (T) (T) (T)	3H 3T
(H) (T) (H) (T) (H) (T)	3H 3T



Most of the cases, it follow 3H 3T
Some times it might come out 1H 5T
or ~~5T~~ 5H 1H.

Probability Density function

3 data of height 158 168 172



We multiply the P.d.f of every height of both curves and accept height number which is greater.

1st Graph $0.4 \times 0.2 \times 0.3 = 0.024$

2nd Graph $0.45 \times 0.1 \times 0.25 = 0.01125$

First Graph fit better than second one. so ~~MLE~~ 2nd Graph's better for MLE.