CSE 445/2-17/23.07.2025/

Milterm Fram

& Binomial Distribution:

$$P(k) = \binom{n}{k} p^{k} q^{n-k} = \frac{n!}{(n-k)! k!} p^{k} \cdot q^{n-k}$$

Hene,

n = number of trials.

k = number of success desired

P = probability of gettings success in one trial.

Tigh bias for low variance!

- biar tree amount high (809.)

- variance tree amount low (201.)

L-19/30.08.2025/

* k-means!

> x; > initial points or data

> C, > initial means

and point position.

L-20/04.08.2025/

L-21 / 66. 08. 2025 /

when it is increasing, we will stop the training.

* K-means 1

- optimized, means plot (Like a validation curive)

Elbow method, optimization of 1c-means.

=> Each steps calculate the variance, when it is not decreasing on neach the threshold attempts, it will trissen the early stop.

& k-means

Ago Aglomeratic Cluster Vnouperwised.
kNN

L-22/11.08.2025

Random supprise Quize

L-23/13.08.2025/

& Reinfoncement Learning.

L-24/18.08.2025/

Final Syllabru

(h - 7, 8, 2, 10)

Final Fram
26.08.2025