Метод максимального правдоподобия
Махімим Likelihood Estimatoz P(A,B)=P(A/B)P(B)=P(B/A)P(A) P(0,T)=P(0/9)P(T)=P(9/0)P(0)  $P(\theta | G) = \frac{P(G/\theta) P(\theta)}{P(G)}$ P(O)- arpropuoe paerp-e O P(DIJ) - anoese propose paer-e P(J) - evidence, paeupe gannon P(J10) - Mabgoargooue boodofice J 0 = arquax P (510)

Muneupeur perfeccus OL M= OX 27. Lx, y, J. T. J. d.  $3) N: y N N (Ox G^2)$ F. O. = 5

$$P(x, y, \theta, 0) = \frac{1}{\sqrt{9\pi6}} e^{-\frac{y^2 - \mu^2}{26}}$$

$$L(5/\theta) = \prod_{i=1}^{N} p(x_i, y_i, \theta, 0) = \frac{1}{\sqrt{9\pi6}} e^{-\frac{y^2 - \mu^2}{26}} = \frac{1}{\sqrt{9\pi6}}$$

$$e^{-\frac{y^2 - \mu^2}{26}} = \frac{1}{\sqrt{9\pi6}} e^{-\frac{y^2 -$$

Oz dzgmax  $= \frac{(y_i - \mu_i)^2}{2}$   $= 2 \text{ azgmin} = \frac{(y_i - \mu_i)^2}{2}$ 

2 Ouzgmin  $\sum_{(x_i)} (y_i - \theta^T x_i)^2$