

Format Umum dari kasus LP:

$$\underset{x}{\text{Minimize}} \quad c^T x \quad \text{Subject to} \quad A^* x \leq b$$

$$\text{Fungsi Biaya: } J(x) = c^T x \quad \text{Fungsi Kendala: } A^* x \leq b$$

Contoh Kasus Jalangkote & Roti Maros
 $x_1 = \text{Jalangkote}$ $x_2 = \text{Roti Maros}$
 $x = \begin{bmatrix} x_1 \\ x_2 \end{bmatrix}$

$$\text{Fungsi Keuntungan: } J(x) = P x_1 + Q x_2$$

>>> $c = \begin{bmatrix} -P \\ -Q \end{bmatrix}$