



Proteins

Carbs

Fats

Calories

Vitamin D

Amount per 100g

$$W \in \mathbb{R}^{n \times p}$$

$$\min_{x \in \mathbb{R}^p} c^T x$$

$c \in \mathbb{R}^p$, price per 100g

$$Wx \succeq r$$

$r \in \mathbb{R}^n$, nutrient requirements

$$x \succeq 0$$

$x \in \mathbb{R}^p$, amount of products, 100g