Centre Scaling

$$f(x) = x - \bar{x}$$

Min-Max Scaling

$$f(x) = \frac{x - x_{min}}{x_{max} - x_{min}}$$

Mean-Center Normalisation (Range Scaling)

$$f(x) = \frac{x - \bar{x}}{x_{max} - x_{min}}$$

Z-Score Normalisation

$$f(x) = \frac{x - \bar{x}}{\sigma_x}$$

Pareto Normalisation

$$f(x) = \frac{x - \bar{x}}{\sqrt{\sigma_x}}$$

Variable Stability Scaling

$$f(x) = \frac{x - \bar{x}}{\sigma_x} \cdot \frac{\bar{x}}{\sigma_x}$$

Level Normalisation

$$f(x) = \frac{x - \bar{x}}{\bar{x}}$$