Formula Matematik Penting

jannah halil :: smk kalumpang, kkb

@icebearrawrr

$n(A \cup B) = n(A) + n(B) - n(A \cap B)$	Kecerunan, m $= \frac{jarak\ mencancang}{jarak\ mengufuk}$	$Jumlah\ insurans\ yang\ harus\ dibeli = peratusan\ ko - insurans \times nilai\ boleh\ insurans\ harta$
$n(A') = n(\xi) - n(A)$	$m = \frac{y_2 - y_1}{x_2 - x_1}$	$Pendapatan\ bercukai = jumlah\ pendapatan\ tahunan - pengecualian\ cukai - pelepasan\ cukai$
$n(A' \cap B') = n(A \cup B)'$	$m = -\frac{pintasan - y}{pintasan - x}$	$Cukai\ pintu = kadar\ cukai\ pintu \times nilai\ tahunan$
$n(A' \cup B') = n(A \cap B)'$	$Laju = \frac{jarak}{masa}$	$Cukai\ tanah = kadar\ cukai\ tanah\ setiap\ unit\ keluasan \times jumlah\ keluasan\ tanah$
$P(A) = \frac{n(A)}{n(S)}$	$Laju\ purata = \frac{jumlah\ jarak}{jumlah\ masa}$	$Faktor\ skala, k = \frac{panjang\ sisi\ yg\ sempadan\ pd\ imej}{panjang\ sisi\ pada\ objek}$
Peristiwa pelengkap, A $P(A') = 1 - P(A)$	$Pecutan = \frac{Pecutan\ laju}{Perubahan\ masa}$	$Luas\ imej = k^2 \times luas\ objek$
$P(A\ dan\ B) = P(A \cap B)$	$\bar{x} = \frac{\Sigma x}{N}$	$Julat = titik\ tengah\ bagi\ kelas\ tertinggi - titik\ tengah\ bagi\ kelas\ terendah$
$P(A \cap B) = P(A) \times P(B)$	$\bar{x} = \frac{\Sigma fx}{\Sigma f}$	$Sisihan\ piawai, \sigma = \sqrt{\frac{\Sigma x^2}{N} - \bar{x}^2}$
$P(A\ atau\ B) = P(A \cup B)$	$Varians, \sigma^2 = \frac{\Sigma(x - \bar{x})^2}{N} = \frac{\Sigma x^2}{N} - \bar{x}^2$	$Varians, \sigma^2 = \frac{\Sigma f(x - \bar{x})^2}{\Sigma f} = \frac{\Sigma fx^2}{\Sigma f} - \bar{x}^2$
$P(A \cup B) = P(A) + P(B) - P(A \cap B)$	$A^{-1} = \frac{1}{ad - bc}\begin{bmatrix} d & -b \\ -c & a \end{bmatrix}$	$Sisihan\ piawai, \sigma = \sqrt{\frac{\Sigma fx^2}{\Sigma f} = \bar{x}^2}$
$\Sigma d(v) = 2E\ ; v \in V$	$Premium = \frac{Nilai\ muka\ posisi}{RM\ x} \times kadar\ premium\ per\ RMx$	$Julat\ antara\ kuartil = kuartil\ ketiga, Q_3 - kuartil\ pertama Q_1$