Jika banyaknya produk yang dibeli konsumen tiap hari selama 10 hari (sesuai dengan NIM mahasiswa): jika NIM mahasiswa 1234567890 maka data banyaknya produk yang dibeli tiap hari selama 10 hari sebagai berikut: 1,2,3,4,5,6,7,8,9,0. Tentukan nilai median dan coefficent of variance/koefisien keragaman (CV) !. Respon jawaban di forum ini.

Dik: NIM: 1,2,3,4,5,6,7,8,9,0

Dit: -Median?

-Koefisien Keragaman?

Jwb:

-Median

NIM: 0,1,2,3,4,5,6,7,8,9

Median = Nilai yang berada di Tengah(Jika Genap pilih 2 Nilai di tengah)

Median = 4,Dan 5

-Koefisien Keragaman

Mean= 0+1+2+3+4+5+6+7+8+9/10

= 1+5+9+13+17/10

= 6+22+17/10

= 28+17/10

= 45/10

= 4.5

SD1= (0-4.5)^2= (-4.5)^2= 20.25

SD2= (1-4.5)^2= (-3.5)^2= 12.25

SD3= (2-4.5)^2= (-2.5)^2= 6.25

SD4= (3-4.5)^2= (-1.5)^2= 2.25

SD5= (4-4.5)^2= (-0.5)^2= 0.25

SD6= (5-4.5)^2= (0.5)^2= 0.25

SD7= (6-4.5)^2= (1.5)^2= 2.25

SD8= (7-4.5)^2= (2.5)^2= 6.25

SD9= (8-4.5)^2= (3.5)^2= 12.25

SD10= (9-4.5)^2= (4.5)^2= 20.25

20.25+12.25+6.25+2.25+0.25+0.25+2.25+6.25+12.25+20.25= 82.5/10= 8.25

σ= √8.25= 2.872

CV = σ/Mean\*100

= 2.872/4.5\*100

= 63.822%