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1. Data setelah terurut:

96 55 60 64 65 66 70 72 7	14 76
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a.	Stem	Lea s	Frekvens	Frekverzi Kumulatig
•	4	6	1	1
	5	5	1	2
	6	0,4,5,6	7	6
	7	0,2,4,6,7,8	6	12
	d	2,3,5,6,8	5	17
	9	0,2,4	3	20

LOF

$$Q_i \rightarrow \frac{n+1}{7} = \frac{20+1}{9} = 5,25 \rightarrow Q_i = 67 + (66-65)0,25 = 65,25$$

$$Q_2 \rightarrow \frac{\ell(n+1)}{n} = \frac{2(20+1)}{4} = 12,5 \rightarrow Q_2 = 76 + (77-76), 0,5 = 76,5$$

$$Q_3 \rightarrow \frac{3(n+1)}{9} = \frac{3(20+1)}{9} = 15,75 \rightarrow Q_2 = 05 + (PI - P5), 0,75 = P5,75$$

 Q_1 Q_2 Q_3 Q_4 Q_5 Q_6 Q_9 Q_9

Tidak ada Outher

$$P(x=0) = \frac{5(0.46)}{5(2)} = \frac{\frac{5!}{5!(5-0)!} \frac{4!}{3!(4-3)!}}{\frac{6!}{3!6!}} = \frac{1.4}{94} = \frac{1}{21}$$

$$P(x=1) = \frac{5C_{1} - 4C_{2}}{\delta C_{3}} = \frac{\frac{5!}{1! \cdot 4!} \cdot \frac{4!}{2! \cdot 2!}}{\beta U} = \frac{5 \cdot 6}{\beta U} = \frac{30}{\beta U} = \frac{5}{14}$$

$$P(x=2) = \frac{5C_{2} - 4C_{1}}{\delta C_{3}} = \frac{\frac{5!}{2! \cdot 3!} \cdot \frac{4!}{1! \cdot 3!}}{\beta U} = \frac{10 \cdot 4}{\beta U} = \frac{10}{21}$$

$$P(x=3) = \frac{5C_{3} \cdot 4C_{0}}{\delta C_{3}} = \frac{\frac{5!}{3! \cdot 2!} \cdot \frac{4!}{0! \cdot 4!}}{\beta U} = \frac{10 \cdot 1}{\beta U} = \frac{5}{42}$$

$$P(x=2) = \frac{5(2.46)}{96} = \frac{5!}{2!3!} \cdot \frac{4!}{1!3!} = \frac{10.4}{94} = \frac{10}{21}$$

$$P(x=3) = \frac{5C_3 \cdot 4C_0}{9C_3} = \frac{\frac{5!}{3!2!} \cdot \frac{4!}{0!4!}}{P4} = \frac{10 \cdot 1}{P4} = \frac{5}{42}$$

$$\frac{1}{21}, \times = 0$$

$$\frac{5}{14}, \times = 1$$

$$\frac{10}{21}, \times = 2$$

$$\frac{5}{42}, \times = 2$$

$$\frac{5}{42}, \times = 3$$

$$0, \times lainnya$$

$$\begin{cases}
\frac{1}{21}, & 0 \leq x < 1 \\
\frac{5}{19}, & 1 \leq x < 2 \\
\frac{10}{21}, & 2 \leq x < 3 \\
\frac{5}{12}, & 3 \leq x < 9 \\
0, & x & lainnya
\end{cases}$$