Compute Mean, Mode, Range, S.D., Q_1, Q_2, Q_3, P_{10}, P_{90}, Q.D., C.V., $S_k(P)$ and K from given data.

10	9	14	35	41	37	25	40	25	36	35
22	35	50	8	17	22	35	50	48	33	31

Solution:- Calculation of various values

For	Value	Formula		For	Value	Formula
Mean =	29.909091	=AVERAGE(A3:K4)		Range =	50.3962	=B12-H12
Mode =	35	=MODE(A3:K4)		Q.D.=	7.375	=(B16-B14)/2
X_s =	8	=MIN(A3:K4)		C.V. =	42.965	=B13/B9*100
X_L =	50	=MAX(A3:K4)		$S_k(P)$=	-0.3962	=(B9-B10)/B13
S.D.=	12.850455	=STDEV(A3:K4)		K=	0.19986	=(B16-B14)/(2*(B18-B17))
Q_1 =	22	=QUARTILE(A3:K4,1)		Sk(B)=	-0.6271	=(B16 + B14 - 2*B15)/(B16 - B14)
Q_2 =	34	=QUARTILE(A3:K4,2)				
Q_3 =	36.75	=QUARTILE(A3:K4,3)				
P_{10} =	10.4	=PERCENTILE(A3:K4,0.1)				
P_{90} =	47.3	=PERCENTILE(A3:K4,0.9)				

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