

(1) Standard Normal Distribution

Z-score

M=3

normal dis

F=1414 24. I want to convert this distribution

T:1

0 1 2 3 4

$$\chi$$
-score = $\chi_i - \mu \quad \gamma = \{-2, -1, 0, 1, 2\}$

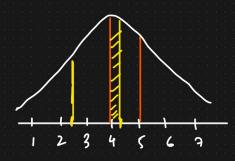
Here K=0

$$0 \quad \frac{1-3}{1} = -2 \qquad 3 \quad \frac{3-3}{1} = 0$$

$$3 = 3 = 0$$

$$2 = 3 = -1$$
 $4 = 1$



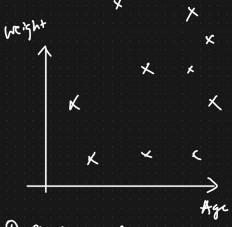


M=4 J=1

Q) How many Standard deviation 4.25 is away from

$$1 - score = \frac{4.25 - 4}{1} = 0.25$$

$$\frac{\text{R-siore}}{1} = \frac{2.5-4}{1} = \frac{-1.5}{1}$$



- 1) Clustering Algorithms
- 1) Linear Regression
- 3) Logistic Regionion

Standardization => Ml Models