CIT-223-011/2021

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Question one

b) Machine translation - Use of computational techniques to translate text or speech from one notural language (the source language) into another (the target language).

Question two

Entropy

Outlook

Cutwox

(++,+-)

Sumy

Overcart

(++,0)

$$= -\frac{11}{17} \log_2 \frac{11}{17} - \frac{6}{17} \log_2 \frac{6}{17}$$
 $= 0.9365$

Info gain:
$$0.9365 - (8/17(1) + 4/17(0) + 5/17(0.971)$$

= 0.1803

Temparature

Cool = (-3/2 leg. 3/4 - 1/2 leg. 4) th = 4/7 (08113) Mild - (6/2 1032 6/4 - 3/49, 8/3)9/1 = 3/4 (0 912 2) 11- (-3/10, 3, 1 - 3/10, 3) + 1, (1) that + wild + Cool = 0.928

Humait

144 Gam = 0 9305 - 0.928 = 0.0085



High Entropy = Migh = 1

Normal = -6/ log by - 1/ log 1/2 = 0.5917

(74,3-) Wind (44,3-) weak

