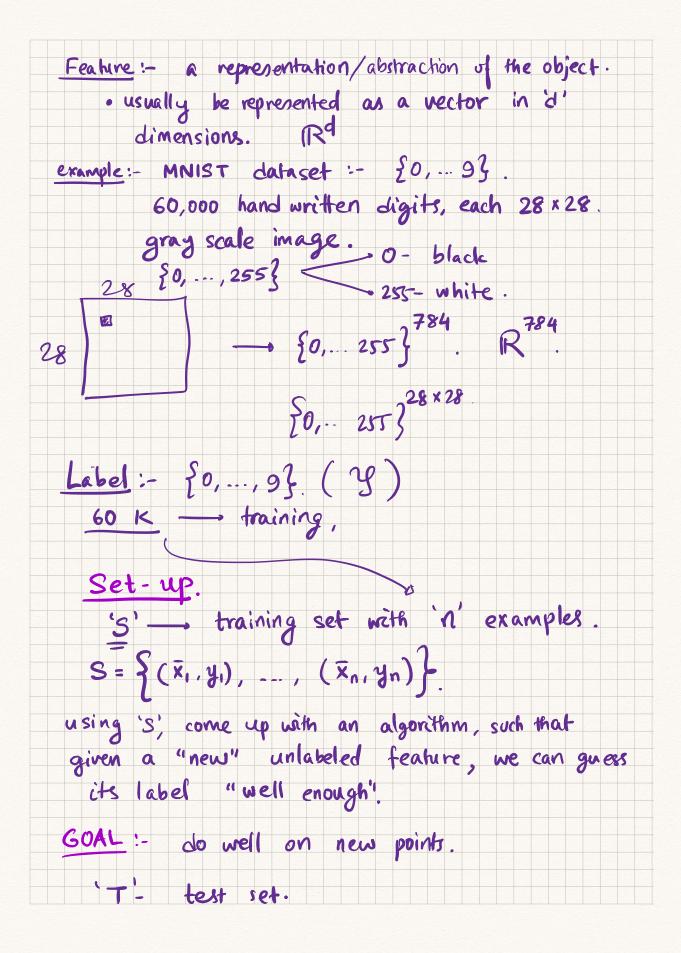


TASK: - Given 'S', and a new "unlabeled" example, predict its label. unsupervised Learning. Given a data set, derive interesting structures/ preprocess the data. (a) clustering images (b) summarization (news, google cards) (c) dimensionality reduction. Reinforcement Learning. take step, get reward, continue to learn & play. - chess, a-go, exploring robots. SUPERVISED LEARNING. a:- How to represent data? A training example is a pair of (feature, label) (a) (images, cat), (images, dog),... (b) ((3BR, 2BA, 3000 S9H, 14850), 300K), label. Feature



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