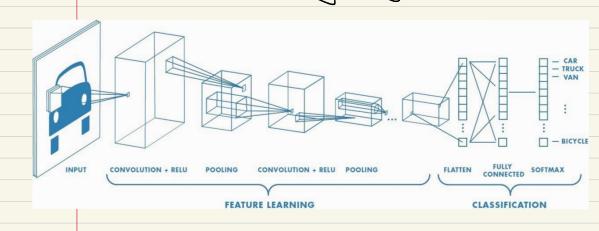
Lesture 22

Photo-2 With Neval Natural Is learn galaxy readrifts from their colors. * FULLY CONNECTED NETWORK is all new and connected between layers. * Y HIDDEN LAYER I RELU activation * STOCHASTIC GRADIENT DESCENT * PASS DATA IN BATCHES Comolitional News Networks (CNNs) Is used for image charification or eye does not book at everything at once. only thing within \$500.



Autoencoders Is data compression and dimensionality reduction Reconstructed Input Image **Image** Latent space Representation **Bottleneck** Decoder (compressed) compression * Sort of like PCA with a NN. * Con filter out noise and interforence. Variational Autoencoders about for a degree of randomness and probability in the dodad representation. Is halps it we have only limited training data.

