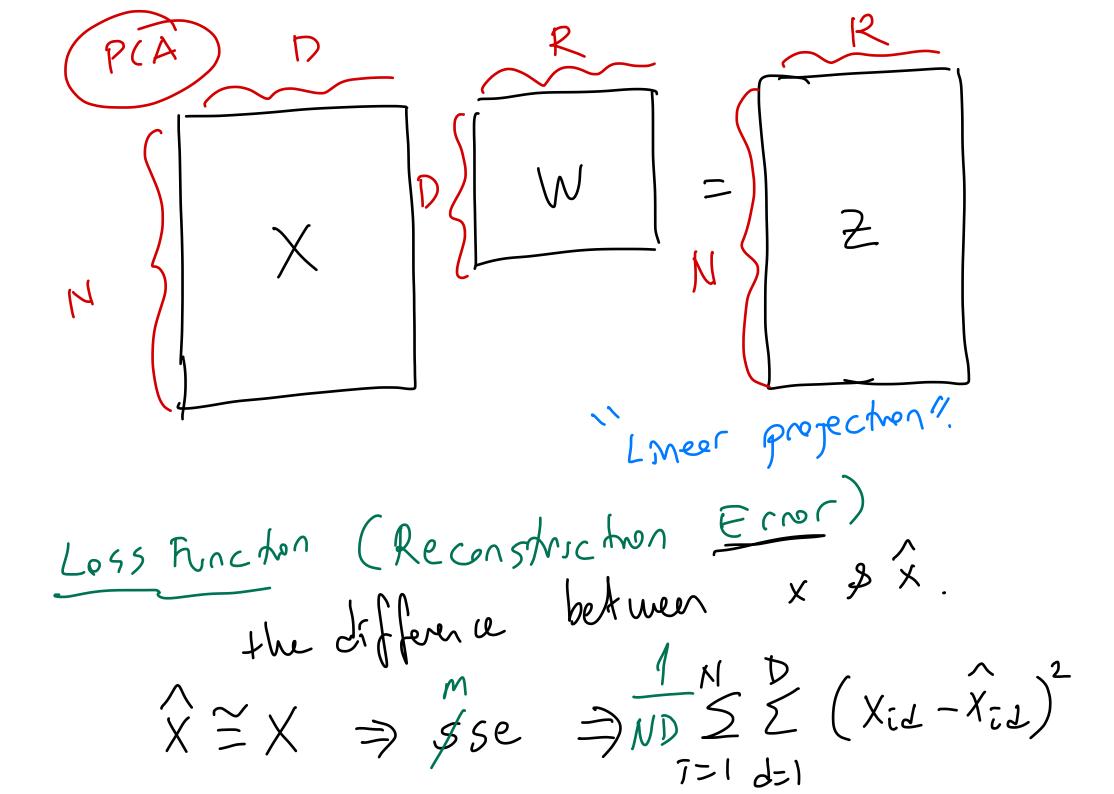
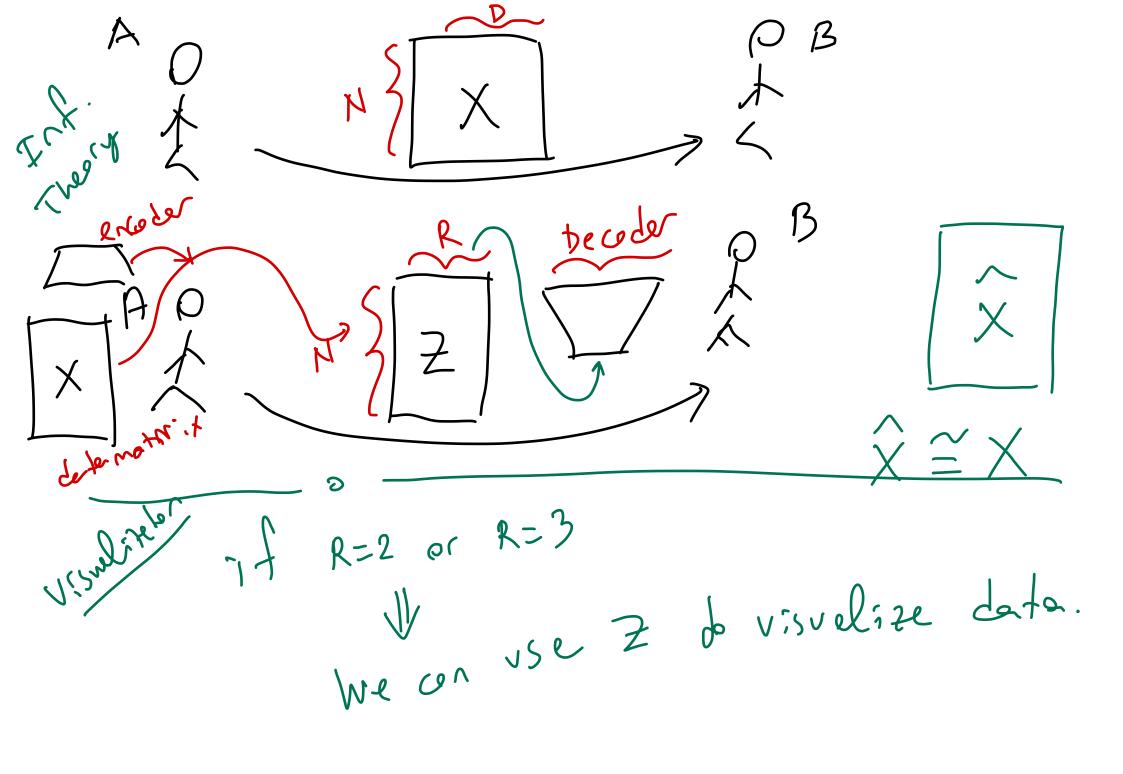
Auto en coders = f'(y+-1,y+-2). autoregressive &= f(x) They one somilor to 1 mers sonelity re duchon - Innersmelity
of this layer (R) algorithms. (thre $\times \in \mathbb{R}^{D} \rightarrow 2 \in \mathbb{R}^{R} \rightarrow \widehat{\times} \in \mathbb{R}^{D}$ encoder =) suppl vector





Multioitput where = Lecoder en co der model er co de le l. predict (XNH) new deste posnt

build encoder model build de coder model combine them into autoenceder model Compile & fit autonco der mo del. coll predict of exceder model (A)
coll predict of deader model (B)

 $xi \rightarrow i \rightarrow (2i + add noise) =) de oden$ perturbed present of xi.

de oder Model = model (mputs = de o der Dense (Relu) 1 Layers. Flentten () (noutlayer) Dense (Relu) (Relu) encoder_model = (model (mputs = model)

outputs = encoded) (nput Layer (28x28)