Modulo 3 4 Méliation. ue gorg tointreduce Prinapal Composent, on algorithmen flor linear demonstratif In his assur onalysis (PCA) reduction. PCA has been around flor about 100 years, and a stell one of the most commonly wed techniques flor data carpnession and usualization. then sun data flor lg, images often hoste property hat it los on a law bun subspace, and hat many Dem one heally Correlated Lee son Mastrahan in 2 Duns (seepic) alhagh he data das not quite le , in de la data does not vory Straight he

nother we can appearit as if it was of two on a a lay idea behind PCA stock unhogonal
projection to find lower din representation of data
that retain as much inflemation as possible Similar to the grample we just looked at. In In he flotlaving sessions we will derve PCA as an algorithms that menimises average reconstruction errors by onthogral projections