Recap J-SNE DOOD J T-SNE Dont to pe Noighbore à Dois of D It in widely used Visualization High Dinension Low Dinension Normal Distribution + - Distribution To avoid crowing  $\mathcal{P}(\mathcal{G})\mathcal{T}$ LOSS Function: d1-Divergence = KL(P,0) = == P; 1200 Pin

Origan manifold abbaoximagean Geolectia

Algebraic Grap pased Algo and optimization (coop of Syllabory) manifold D Croaps D Nodes D Edges can have

weights

growth & A 29 Distance BLR weighed Graph

Des modes money (Haberbored Andres)

Dodaset Lx, oxy2, x13, oxy4, ox15 V- Leigh pour = d And And State (xi sy) 11x2-11 3 Project the points into Lower Direngiae High-Dimension Forces

Aigh-Dimension

Thereson

Thereson How do i Compare Greaphy of two different Dimension

BBOL and A EBBOL

 $\frac{e^{t}\omega - 1}{e^{t}\omega - 1} e^{t}\frac{1}{e^{t}\omega} = 1 + \left(\frac{e^{t}\omega}{e^{t}\omega}\right)e^{t}\frac{1}{e^{t}\omega} = \frac{1}{e^{t}\omega}$ 

Pooblem-Statement House poice prediction

Scaler Base Line LR model PCA and Rebuild relode Outlier Detection Clartering -> Build Model