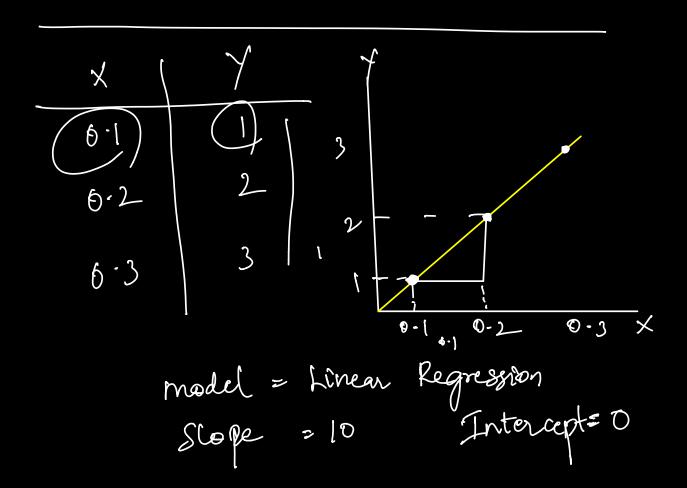
1. Laso > Practical
2. Polynomial Regression
3. Deployement
4. Flask, HTML,
5. Model Scrialization.
6. Cloud Deployement



$$\frac{mx + b}{\log x + 0} = \frac{\log(0.1) + 0}{\log(0.2) + 0} = \frac{2}{2}$$

$$\log(0.2) + 0 = \frac{2}{3}$$

$$\cos(0.3) + 0 = \frac{3}{3}$$

$$= 1 - \left(\log(0.1) + \frac{3}{2}\right) + 2 - \left(\log(0.2) + 0\right)$$

$$= 1 - \left(\log(0.1) + \frac{3}{2}\right) + 2 - \left(\log(0.2) + 0\right)$$

$$= 0 + 0 + 0 = 0$$

Cost function
$$\frac{2(y-y)^{2}}{2} + \frac{1}{2} \left[\frac{2|m|}{2|m|}\right]$$

$$\frac{1-(10(0.1)+0)}{2} + 10$$

$$0 + 10 = 10$$

1-(19(0-1) top) + 9 [ - ( 6.9)<sup>2</sup> + 9 1 - (0 (0·1) + 0·1) + 0·1 [-(0)2 FO-( [-0.0[ +0-]

Summary: 1. Supervised / Unsurpervised , Clarsification Regression Linear Regnession Cquation, Linear Algebra, Gradient Train- Vol, Test split Cross Validation Error Metrics Assumptions of Linear leg Overfitting & Underfitting a. Variance, D. Regularization 11-Elastic Net Larso, Ridge, 12 Poly nomial legression praetice Sals Hackathon

Eployement Model finding Prediction Save Serialize the model (Pickle) Hard disk De-Serialize medel Predict from

(2VI) Application Squarefoot Bed roo mo Bath 200 mo Stories Submit House proce =

(1995) 2005) E-Commare Website furchase a Domain Site Pregnations Planning & well advanced Purchase, april 6Mx setup / Security Implementation Trotall ? Mignation / Maintanence 24/1 8. Unintrupted Power supply Unintrupted Intuned supply 9. (P) / 11-Amazon Web Service (AWS)

Cloud Computing Microsoft Azure 1 Microsoft Azure 1 Microsoft Azure 1 Ger) Alebaba Oracle Horohu