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Simple Linear Regression.

One feature Slope intercept formula

One Label: y = bo + b_1 x_1

intercept J well J x_1

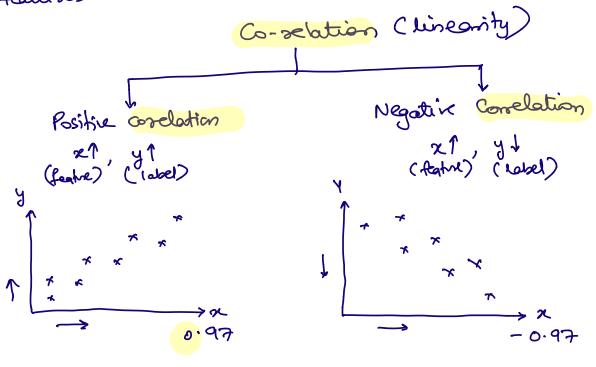
Use case: the salony extinator

Feature - Years Exp

Label - Salony

Salony = bo + b_1 (Years Exp)
```

Data must have some carelation. (linearity)
These must exists correlation between label and each
features.



RED, Adm, marker Stake

Stak encoder State ONE

Classification: features: any label: categorical classification multi- class Binary classification Classification features: any features: any label: any categorical label. label: bihany codegorical label. eg: Setosa versicolor, Virginia (ms) eg: Yes/No me/ False K-NN Logistic Regression - meant for the birony doubtr SVC RFK DTC NB SVC x9 RFC DIC WB

Xq

Logistic Regression Linear + Sigmoid ____ Logistic
Regression
y=botbal K-NN (K-nearest neighbourhood) Lineal data writ Classitication

Euclidean distance formula regions