ML-Lecture1-Regression&

ML- Lecture - 1 Regression	Gradient Descent
	di Nogative => Increase W
4 tep] - Modal	dL Nogative ⇒ Increase W aw Position = Decrease W
Y= b + W · X cp	サ増加/主成け決定於學習率(learning rate)
Davameters (Hodal Selection.
Pavametors	() 游草花 questitting. (more complex modal does not alway
Linear modal: N= 6+ Ewixu	lead to better performance on testing data)
bias weight	Regularization= 重新接 Loss function.
	(step2) → 原本的Loss Function.民意概error
Step 2. Goodness Function. (Rick the "Best" Function)	改成→ to上額別term → + 入∑(wu)
4. J與集Parka.	Smaller are better.
	→ Smooth functions is are better.
loss tunction L: input: a function output: how bad it is	· 4 why? 较年5胃百7 funotion. B input 百了影響较划1
	by We prefer smooth, but don't be too smooth
CS Scanned with SamSc	(水平流東、ちゃん)
Cs Scar red with samsc	at II ICI