			NO. Date
		學號 R	08921A01 系级 電機頭- 世名 陳仁中
	public	private	
(1)	5.54	5.63	
(2)	6.05	5.48	
	若把預	测值設為前-	小時的PM7.5, RM长期6.4
	用前9月	的PH2.5做feet	twe物 6.05提升不大、由此了知時問
	1		已feature的提升也不是象顯著
		\$ > 100 65 Jata	4 L
			愛數: RMSE能 7.47 → 4.70 .
		测就好。社	1SE = 3.9
1 5小時	LK L PHSE G	明颈上升	Kath was 1t
testing	data 岩有沙	雨秋, 補上該	受數的平均值
V		- francisco	
			4->w-b)2+(3.5-3W-b)2+(4.1-4W-b)2+(5.6-5W
\$ 200 A	8 = 0 $(w+b-1.2)$ $(25w+5b-5w+15b-6)$	+ (4W+2b-48	3)+(9w+3b-10.5)+(16w+4b-16b)+ (55w+15b-6[1=0] (45w+15b-50.4=0 10w=10.7
\$ \frac{1}{2} \fra	8 = 0 $(w+b-1.2)$ $(25w+5b-5w+15b-6)$)+(AW+2b-4.8 -28)] b[.1)=0	3)+(9w+3b-10.5)+(16w+4b-16.6)+ 55w+15b-6[1=0 45w+15b-50.4=0
\$\frac{1}{2} \frac{1}{2} \frac	(W+b-1.2) (25W+5b- 5W+15b-)+(AW+2b-4.8 -28)] b[.1)=0	3)+(9w+3b-10.5)+(16w+4b-16b)+ (55w+15b-6[1=0] (45w+15b-50.4=0 10w=10.7
→ = 5 → 5 → = 5 → 5 → = 5 → 5 → = 5	(W+b-1.2) (25W+5b- 5W+15b-)+(AW+2b-4.8 -28)] b[.1)=0	$\frac{3}{3} + (9w+3b-10.5) + (16w+4b-16b) + \frac{3}{4}$ $\frac{55w+15b-16.1=0}{45w+15b-50.4=0}$ $10w = 10.7$ $\frac{50}{5}$ $\frac{50}{5}$
→ = 5 → 5 → = 5 → 5 → = 5 → 5 → = 5	(W+b-1.2) (25W+5b- 5W+15b-)+(AW+2b-4.8 -28)] b[.1)=0	$\frac{3}{3} + (9w+3b-10.5) + (16w+4b-16b) + \frac{3}{4}$ $\frac{55w+15b-16.1=0}{45w+15b-50.4=0}$ $10w = 10.7$ $\frac{50}{5}$ $\frac{50}{5}$

uate

NO. Date 1- (b) Ly(w,b) = = = [N(y - (wx; -b))^2 事 1 = 0 $\Rightarrow \frac{1}{N} \sum_{i=1}^{N} (y_i - w_{X_i} - b) = 0 \Rightarrow \sum_{i=1}^{N} \sum_{j=1}^{N} w_{X_i} - \sum_{j=1}^{N} b = 0$ ⇒ N·b = ∑y; - w^TΣX; > b = ȳ - w̄ x̄ ×̄ ラートリールメート) ※ =0 ラ エリ、メールエメ:2-16 エメ:20 \$2 31 = 0 => Zy: X: -w zx: - (y-w x) ZX: =0 → W Σ(x, x-42) = y Σ x; - Σy, x; = Σ x; (9-y) = X X (J-yi) * 101.07.01.02版

NO. Date 3-(a) \$ gk(x))y; = A e = 1/2 /2 ex= 1/2 (gk(x)-y;)= 1/2 (gk(x)) - 24; gk(x;) + y; Sk= 1 2 (gk(x;))2 ek= Sk-2A+e. > A= Sk+e.-ek 3-(b) L= min[1 \(\frac{1}{\times} \times \times_{k-1}(\times_{k}) - \frac{1}{\times_{k-1}} \) 3x = N = (x = Jr(x:) - J:) Jr(x:) = 0 > X = (k(x;) - y; =0 , gk(x;) =0