Id	Sq. Ft	Lot	Beds	Baths	Year	Price	Prediction W=[10,1,1,1,1] b=10,000	MSE	
1	1826	19378	4	2.5	2005	320000	=10*B2+SUM(C2:F2)+10000	=((SUM(G2:G11)-SUM(H2:H11))^2)/10	
2	1050	7500	2	2	2004	185000	=10*B3+SUM(C3:F3)+10000		
3	1276	12209	3	2.5	2001	215000	=10*B4+SUM(C4:F4)+10000		
4	1040	7658	2	2	2005	319900	=10*B5+SUM(C5:F5)+10000		
5	1535	4500	2	2	1998	164000	=10*B6+SUM(C6:F6)+10000		
6	1535	13704	3	2	2001	205000	=10*B7+SUM(C7:F7)+10000		
7	1040	11143	4	3	2004	340000	=10*B8+SUM(C8:F8)+10000		
8	1370	13005	4	2.5	1980	260000	=10*B9+SUM(C9:F9)+10000		
9	2036	10207	3	3	2007	227875	=10*B10+SUM(C10:F10)+10000		
10	2899	13682	3	3.5	2006	438780	=10*B11+SUM(C11:F11)+10000		
	m the actual value, so if its		ance of a model is to measure t her way to do this is to take the ers positive			-	, it did not overshoot the lowest mean square e g number 3 did not seem to get any better and		
Part 5: The reason that the model is perfectly accurate on only the provided data set is because the model is overfit for the training data, and when presented with new data it is too specialized to be correct in its prediction.						Part 6: In order to fix the overfitting problem, we can employ a method discussed in class, Early stopping. If we stop the algorithm befo it makes perfectly tailored answers to that one data set, it will be more generalized and be able to apply its knowledge to different sets data.			