

1. Thank you for the feedback.

- A. A lot of people gave feedback
- B. I felt really motivated.
- C. Huge Thanks to everyone.

2. How are we improving from the last feedback?

- 1. We shall revisit the last 15 min of the first session.
- 2. Maintain the Same pace overall the session.
- 3. Maintain a list of items to cover and link every topic to this list.
- 4. Will keep updating this if we have new suggestions.

3. Today we shall cover these topics:

- 1. Activation Functions and how it works ✓
- 2. Kernel Initialisation and Bias. ✓
- 3. How to train CNN Model.
- 4. Cats vs Dog's use case to understand how to build and train CNN model coding. (Major focus on coding part today)
- 5. Custom model and trainable parameters calculation.
- 6. Overfitting vs Underfitting.
- 6. Back propagation working (If time persists at the end) ✓

$D = \{x_i, y_i\}$ $x_i \in 2\text{dim}$
 $y_i \in \{M, F\}$

Height	weight	gender
170	70	M
180	75	M
175	72	M
168	65	M
140	45	F
145	48	F
137	49	F
135	47	F

