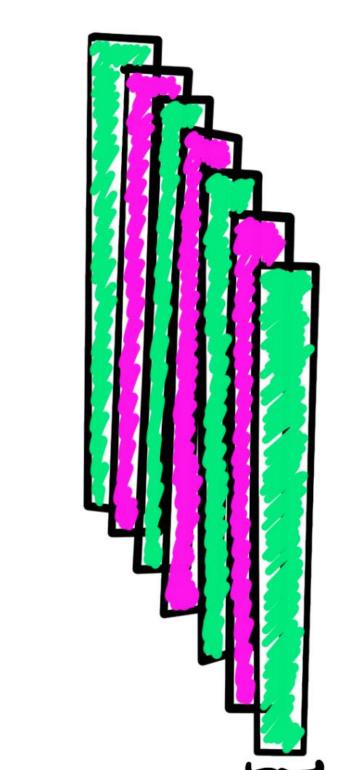
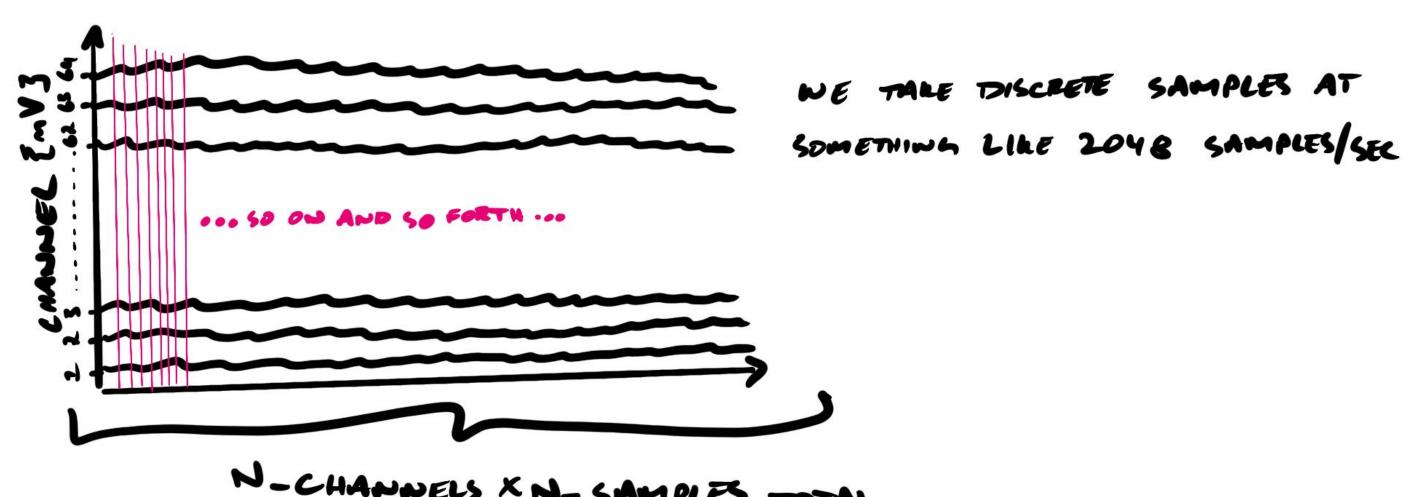


THE BRAIN GIVES ELECTRICAL SIMMAL (MV) IN CONTINUOUS TIME

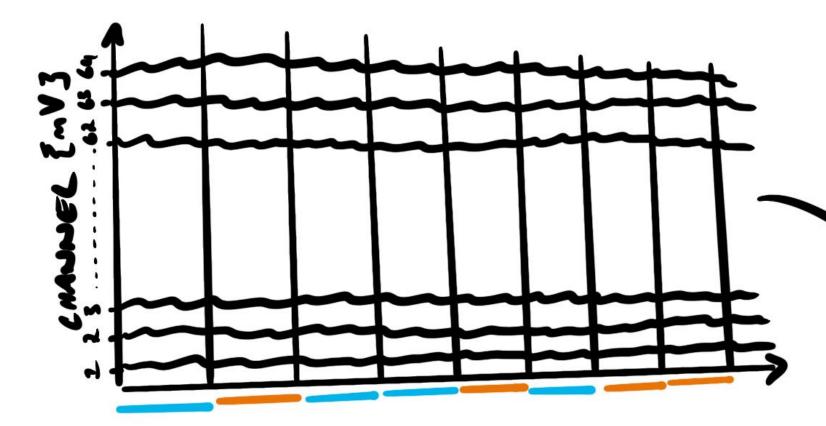


COLLECT ALL TRIMES WITHIN A MODALITY. EACH TRIAL IS N\_CHANNELS X N\_SAMPLES AND NE HAVE N. TRIALS OF THEM.

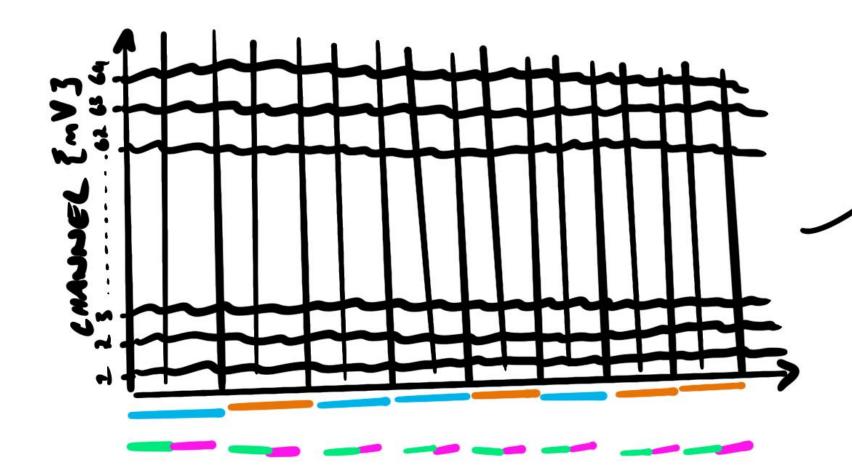
N\_TRIALS X N\_ CHANNELS X N\_SAMPLES



N-CHANNELS X N- SAMPLES\_ TOTAL

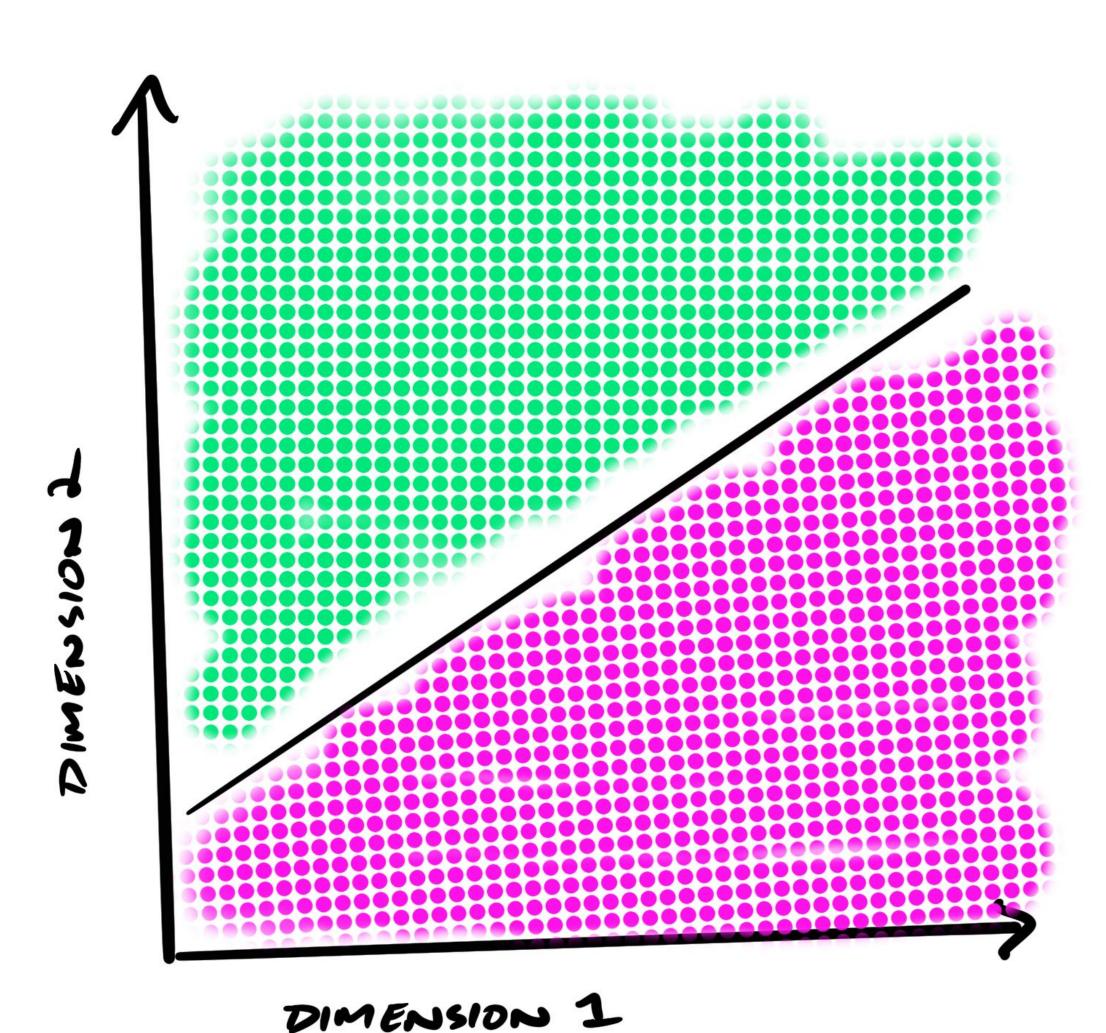


LONG TIME SERIES IS COMPOSED OF DIFFERENT TRIALS EACH DEFINED BY A MODALITY EVISUAL, TOUCH & AND A TOUCH LOCATION & PINKY, THUMBY



N\_CHANNELS X N\_TRIALS

WITHIW EACH TRIAL THIS US A MATRIX THAT N\_ CHANNERS X N\_TRIALS.



- · CONSIDER AN EXAMPLE WHERE NE MUE ONLY 2 CHANNELS { ALSO CALLED DIMENSIONS}
- · EACH DOT IS A TRIAL EITHER PINKY OR THUMB
- · THE MACHINE LEARNING CLASSIFIER TRIES TO LEARN THE BOUNDARY ELINE THAT BEST SEPERATES PINKY FROM THUMB