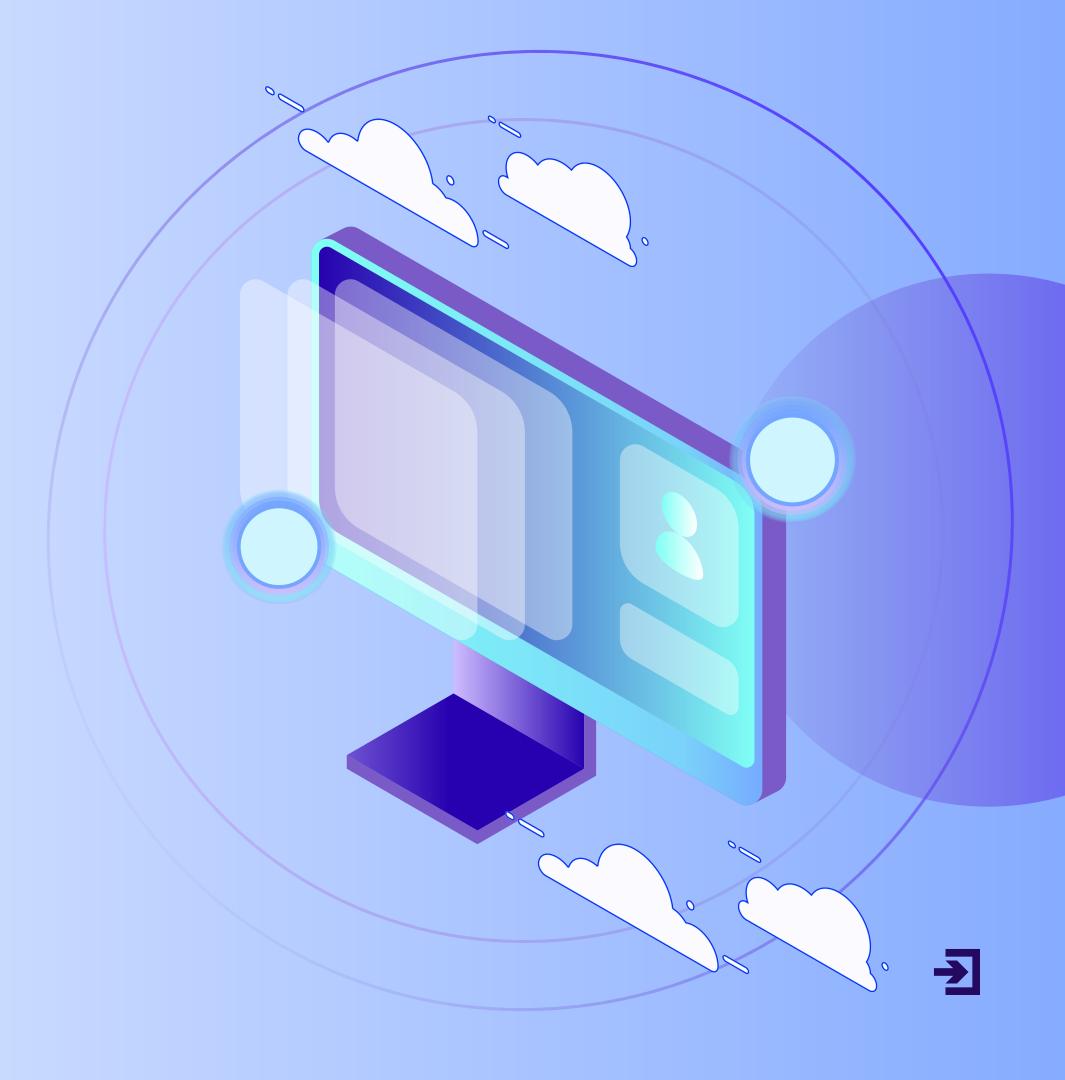


PROBLEMAS DE

Q ArmandoLluen ×

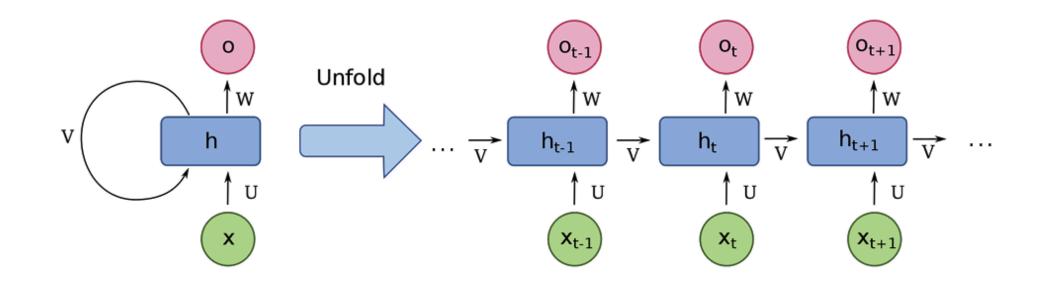


RED NEURONAL RECURRENTE





Recurrent neural network

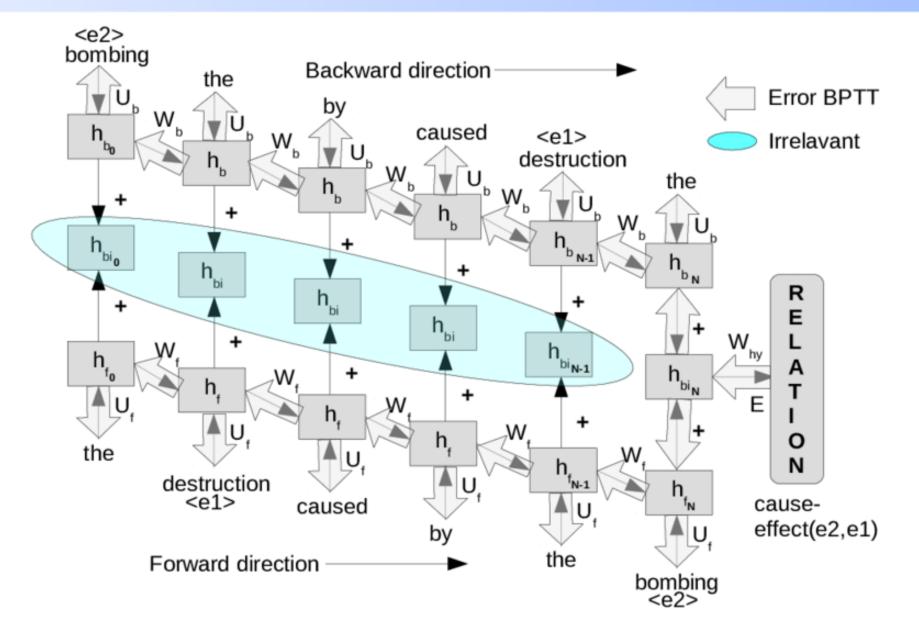






BPTT



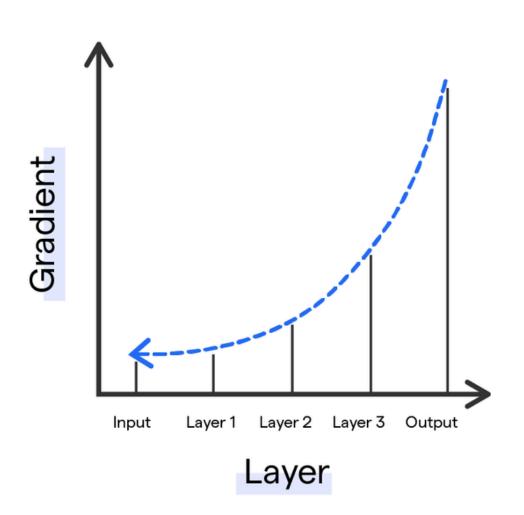


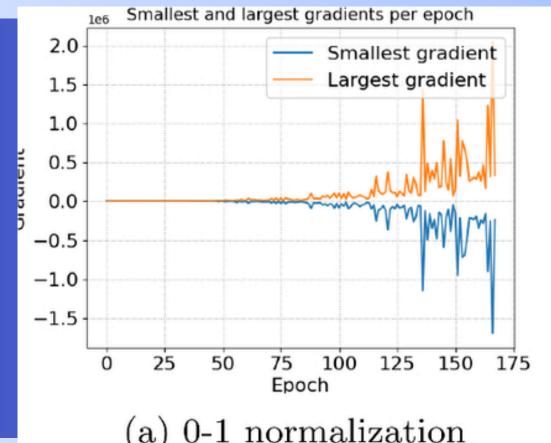


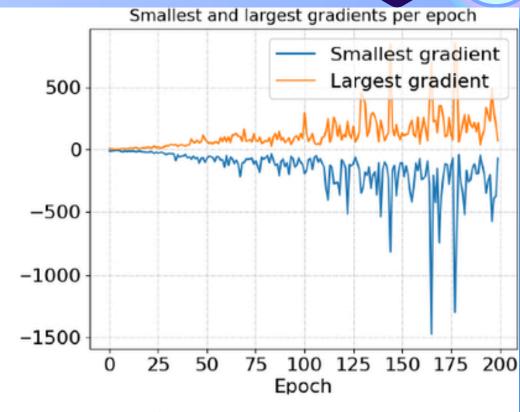




Vanishing Gradient Problem





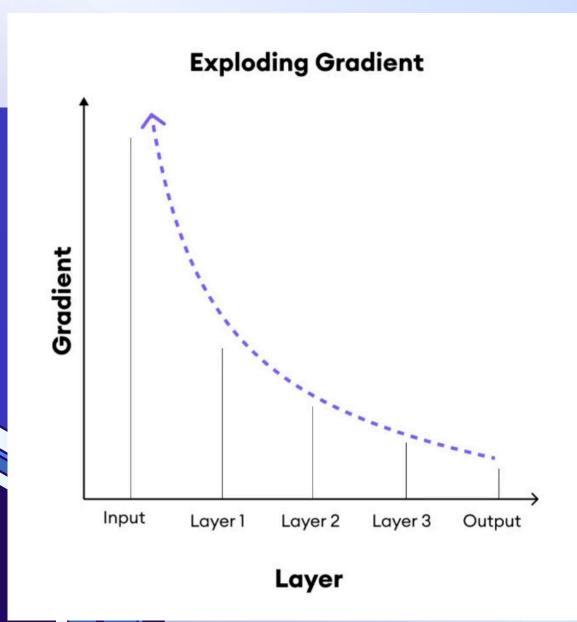


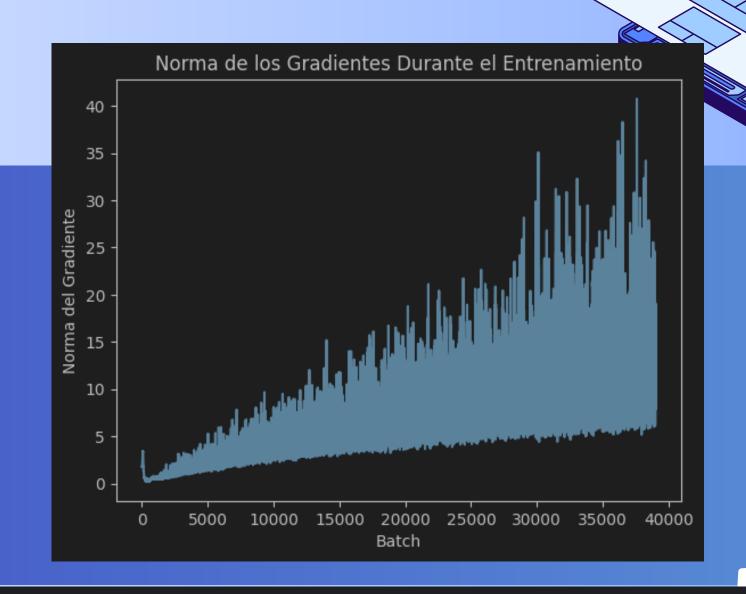
(a) 0-1 normalization

(b) Z-score normalization



EXPLOTING GRADIENT





Pérdida Promedio en Validación: 1.1901

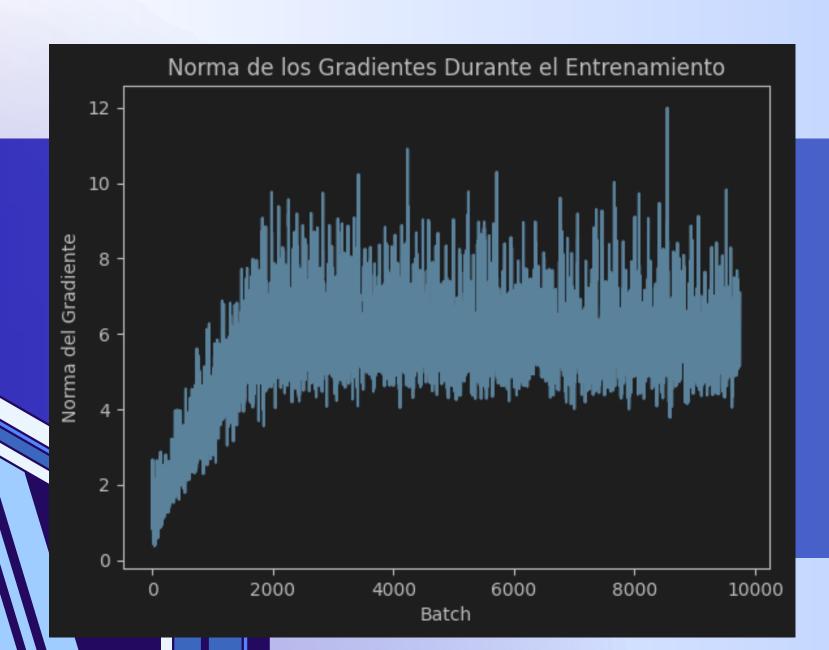
Perplejidad: 3.2875

Exactitud (Accuracy): 64.67%



DROPOUT Y L2





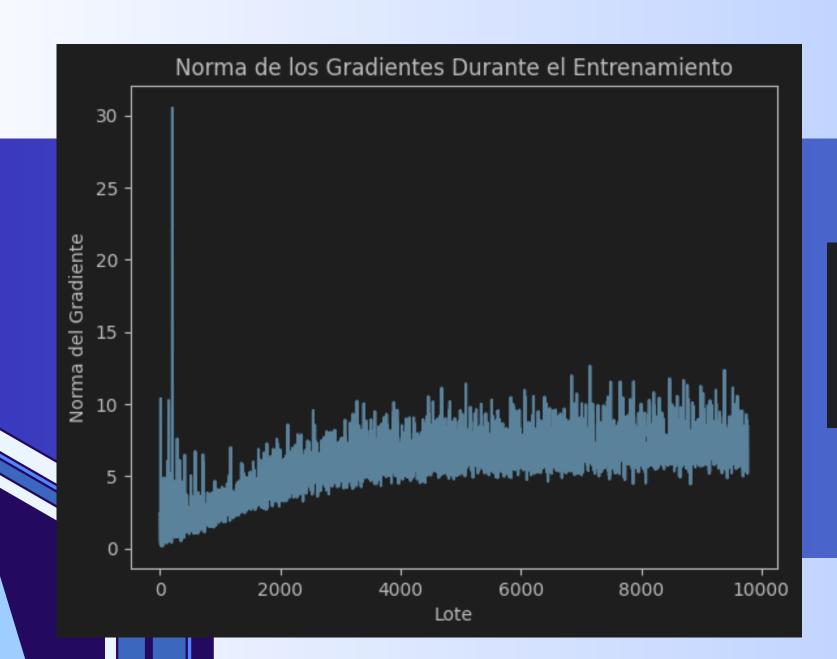
Pérdida Promedio en Validación: 0.2852

Perplejidad: 1.3300

Exactitud (Accuracy): 94.11%



WORD VECTOR QUANTIZATION



Pérdida Promedio en Validación: 0.6330

Perplejidad: 1.8833

Exactitud (Accuracy): 82.31%



