**Report Of DL**

**Hamza Abbasi**

**Syed Ali Raza  
  
  
Dataset Link:** <https://www.kaggle.com/datasets/79591f9e803d045da8af58b767cda2eda55bbf3ea2adfec9987cc136e9967d6b/data>

**Description Of Dataset : Sports Fans Sentimental Analysis**

1. The dataset contains text data from 93,970 rows.
2. Each entry includes information like the text, time, upvotes, sport, phase, category, and extracted sentiment.
3. The sentiment labels are provided and classified into various emotional responses (positive, negative, neutral).

**Training data size: 50169**

**Testing data size: 12543**

**Classification Type: Multi-Class**

* Positive
* Negative
* Neutral

**Hyperparameters**

Epochs: 5

Batch Size: 64

Learning Rate: Default Adam optimizer (0.001)

Loss Function: Sparse Categorical Crossentropy

**Results**

Test Accuracy: 71.38%