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### Combined Dataset Visualizations: ANN and LSTM

#### ANN:

- Test Loss (MSE): 0.27674898505210876
- Test MAE: 0.30867719650268555
- Test RMSE: 0.5260693728512512
- Test R<sup>2</sup> Score: 0.2590264833397675
- Final Training Loss: 0.25817546248435974
- Final Validation Loss: 0.27831169962882996
- The model performance appears balanced.

#### Model summary:

Model: "sequential"		
Layer (type)	Output Shape	Param #
dense (Dense)	(None, 256)	278,016
dense_1 (Dense)	(None, 256)	65,792
dense_2 (Dense)	(None, 256)	65,792
dense_3 (Dense)	(None, 2)	514
Total params: 410,114 (1.56 MB)		
Trainable params: 410,114 (1.56 MB)		
Non-trainable params: 0 (0.00 B)		

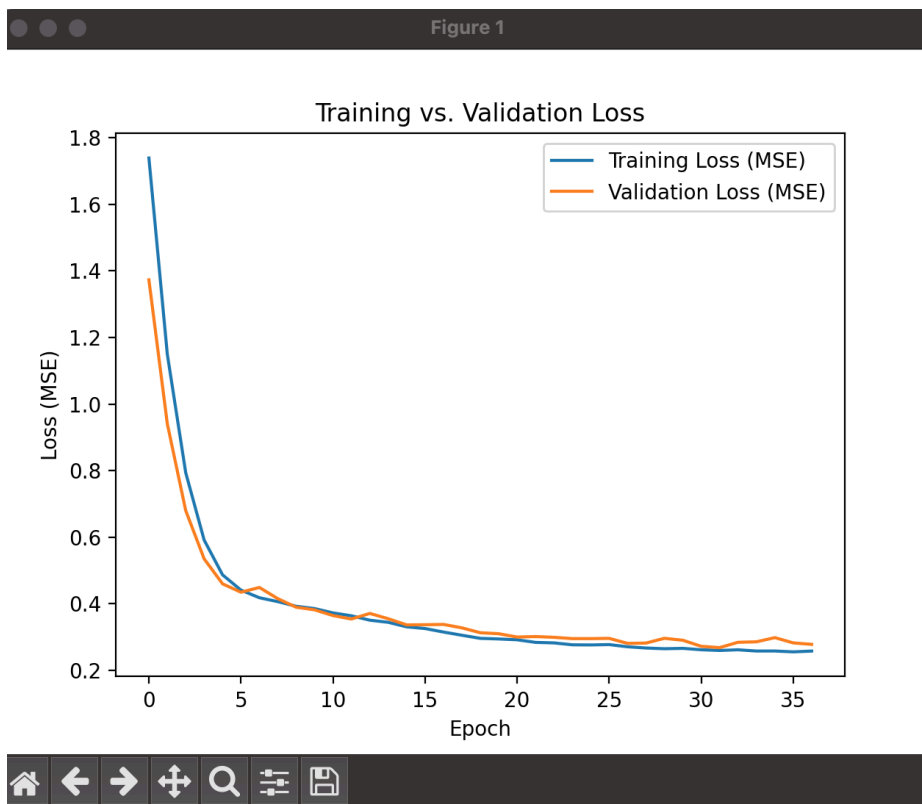
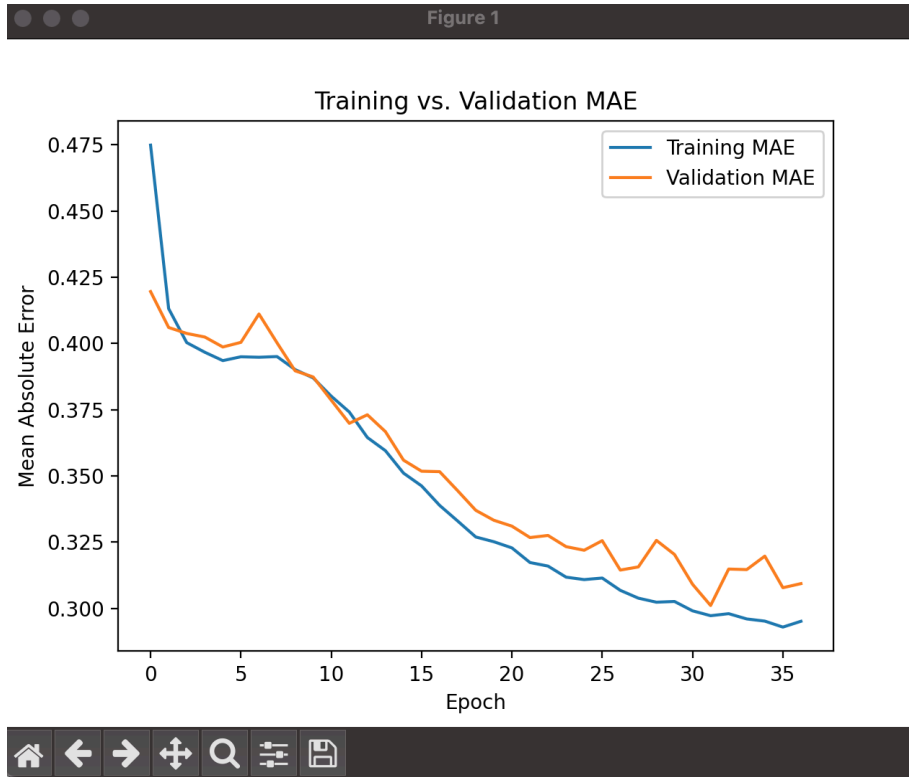
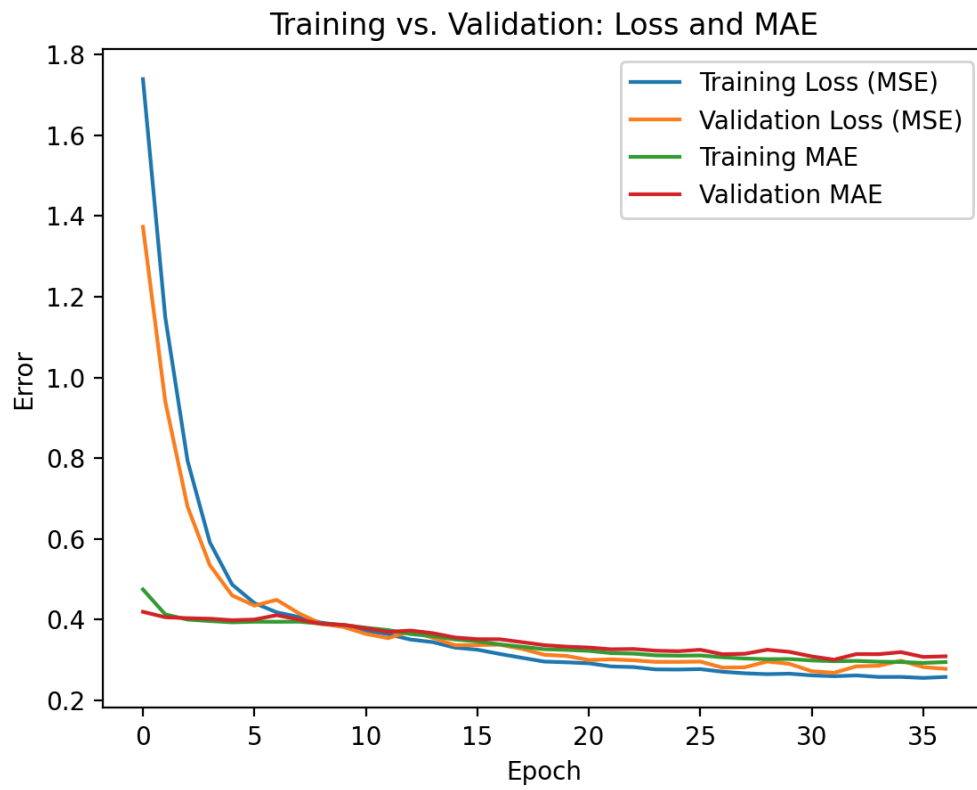


Figure 1



## LSTM:

- Test Loss (MSE): 0.27674898505210876
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