

# Task 1,2 & 3

Losetti Mourya

## 1.3 - Hyperparameter Tuning using the Multinomial Logistic Regression Model



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## 2.2.1 - Loss tracking on WineQT dataset (MLP Classification)



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### 2.2.1 - Reporting Accuracies on WineQT dataset (MLP Classification)



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### 2.2.3 - Reporting Accuracies using various set of activation functions and optimizers (MLP Classification)



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### 2.2.4 - Hyperparameter tuning on WineQT dataset (MLP Classification)





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## 2.4.2 - Loss tracking on advertisement.csv (MLP Multilabel Classification)



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## 3.3.1 - Loss Tracking on Boston Housing dataset (MLP Regression)



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### 3.3.3 - Reporting various loss metrics using various set of activation functions and optimizers (MLP Regression)



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### 3.3.4 - Hyperparameter Tuning on Boston Housing dataset (MLP Regression model)



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<https://wandb.ai/mourya/SMAI%20A3%20Reports/reports/Task-1-2-3--Vmlldzo1NzQ4NTcy>