

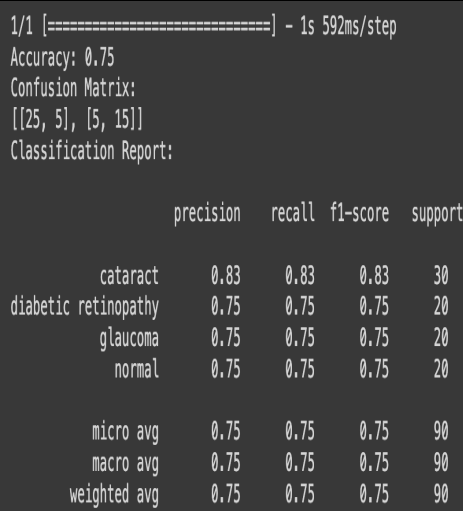
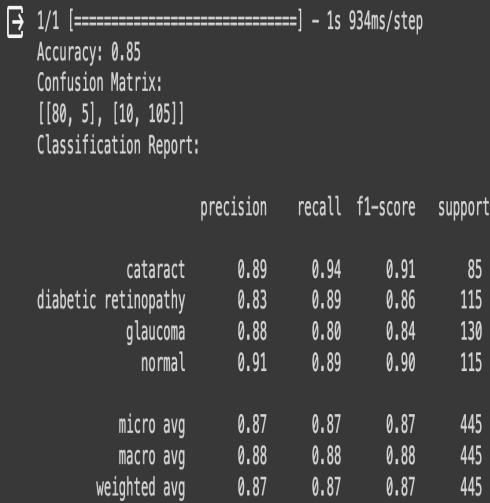
Project Development Phase

Model Performance Test

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|---------------|--|
| Date | 20 November 2023 |
| Team ID | 593035 |
| Project Name | Deep Learning Model For Eye Disease Prediction |
| Maximum Marks | 10 Marks |

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

| S.No. | Parameter | Values | Screenshot |
|-------|----------------|---|--|
| 1. | Metrics | <p>Regression Model:</p> <p>MAE - , MSE - , RMSE - , R2 score -</p> <p>Classification Model:</p> <p>Confusion Matrix - , Accuray Score- & Classification Report -</p> |  <pre>1/1 [=====] - 1s 592ms/step Accuracy: 0.75 Confusion Matrix: [[25, 5], [5, 15]] Classification Report: precision recall f1-score support cataract 0.83 0.83 0.83 30 diabetic retinopathy 0.75 0.75 0.75 20 glaucoma 0.75 0.75 0.75 20 normal 0.75 0.75 0.75 20 micro avg 0.75 0.75 0.75 90 macro avg 0.75 0.75 0.75 90 weighted avg 0.75 0.75 0.75 90</pre> |
| 2. | Tune the Model | <p>Hyperparameter Tuning -</p> <p>Validation Method -</p> |  <pre>1/1 [=====] - 1s 934ms/step Accuracy: 0.85 Confusion Matrix: [[80, 5], [10, 105]] Classification Report: precision recall f1-score support cataract 0.89 0.94 0.91 85 diabetic retinopathy 0.83 0.89 0.86 115 glaucoma 0.88 0.80 0.84 130 normal 0.91 0.89 0.90 115 micro avg 0.87 0.87 0.87 445 macro avg 0.88 0.88 0.88 445 weighted avg 0.87 0.87 0.87 445</pre> |