Table of all metrices

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model Variant | Stage | Accuracy % | Precision | Recall | F1-Score | AUC |
| Basic CNN | - | 77.5 | 0.50 | 0.71 | 0.59 | 0.82 |
| Fine-Tuned CNN (Hyperparameter Tuning) | - | 80.76 | 0.65 | 032 | 0.43 | 0.82 |
| Fine-Tuned CNN ( more Hyperparameter Tuning) |  |  | 0.46 | 0.74 | 0.57 | 0.80 |
| ResNet50 (Frozen Layers) | Frozen Base | 77.44 | 0 | 0 | (Reported) | 0.72 |
| ResNet101 (Basic/Frozen Layers) | Frozen Base | 74.61 | 0.44 | 0.46 | 0.45 | 0.74 |
| DenseNet201 | Fine Tuned | 79.95 | 0.54 | 0.71 | 0.62 | 0.86 |
|  |  |  |  |  |  |  |
| ResNet101 Fine tuning | Fine-Tuned | 22.52 | 0.23 | 1 | 0.37 | 0.55 |
| EfficientB0 (Unfrozen Fine-Tuning) | Fine-Tuned | 72.6 | (Reported) | 0.83 | (Reported) | 0.837 |
| EfficientNetB1 | Fine-Tuned and basic both are same | 77.48 | 0 | 0 | 0 | 0.43 |
|  |  |  |  |  |  |  |
| Xception | Fine Tuned | 78.34 | 0.51 | 0.71 | 0.60 | 0.84 |
| Xception | Basic | 78.34 | 0.51 | 0.71 | 0.60 | 0.84 |