EAST WEST UNIVERSITY

Course:CSE366-Artificial Intelligence

Report:TASK-2

Submitted to-

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Summary table comparing the performance of all pre-trained models-

Model	Train Accuracy	Validation Accuracy	Test Accuracy	Test AUC	Comparison
VGG Model	—-	0.9554	0.9292	0.9692	Best for Balanced Performance AUC
MobileNet V2	0.9943	0.9196	0.9381	—--	Best for Speed + Lightweight Deployment
ResNet50	0.9847	0.9866	0.9737	—--	Best for highest accuracy