Table 4: Deepfake detection using Proposed Model- Performance Comparison

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| --- | --- | --- | --- |
| **Methods** | **Datasets** | | |
| **Face2Face** | **FaceSwap** | **DFDC** |
| Proposed CDSAE-DNN | 98.7 | 98.5 | 97.63 |
| ResNet | 93.6 | 92.4 | 81.8 |
| MobileNet | 95.2 | 94.8 | 78.5 |
| SVM | 86.5 | 83.4 | 71.02 |