**Comparative Analysis**

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| --- | --- | --- | --- | --- | --- |
| **Model** | **Activation Function** | **Precision %** | **Recall %** | **F1-Score %** | **Accuracy %** |
| **InceptionV3** | ReLu | 90.89 | 90.74 | 90.75 | 90.74 |
| SWISH | 92.01 | 91.24 | 91.35 | 91.24 |
| **ResNet50** | ReLu | 79.31 | 78.11 | 78.33 | 78.11 |
| SWISH | 79.85 | 77.44 | 77.65 | 77.44 |
| **MobileNet** | ReLu | 82.79 | 78.28 | 76.31 | 78.28 |
| SWISH | 85.54 | 83.83 | 83.81 | 83.83 |
| **CustomCNN** | ReLu | 92.55 | 92.08 | 92.13 | 92.08 |
| SWISH | 91.95 | 91.41 | 91.42 | 91.41 |
| **DenseNet121** | ReLu | 67.36 | 67.84 | 67.43 | 67.84 |
| SWISH | 68.78 | 69.02 | 68.76 | 69.02 |
| **Hybrid Model** | ReLu | 94.93 | 94.82 | 94.83 | 94.82 |
| Leaky ReLu | 95.90 | 95.82 | 95.83 | 95.82 |