Core

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | VGG16 | | CNN | | AlexNet | |
| Train accuracy | Validation Accuracy | Train accuracy | Validation Accuracy | Train accuracy | Validation Accuracy |
| 80-20 | 80.36% | 75.6% | 98.30 % | 98.08 % | 95.17 % | 96.82 % |
| 60-40 | 60.36% | 58.35% | 92.6% | 91.2% | 92.3% | 91.4% |
| 90-10 | 78.6% | 72.2% | 95.4% | 94.5% | 92.9% | 93.6% |

Lower

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | VGG16 | | CNN | | AlexNet | |
| Train accuracy | Validation Accuracy | Train accuracy | Validation Accuracy | Train accuracy | Validation Accuracy |
| 80-20 | 96.2% | 95.1% | 97.2% | 96.3% | 98.75 % | 98.00 % |
| 60-40 | 85.2% | 83.45% | 96.3% | 95.3% | 96.2% | 95.1% |
| 90-10 | 86.7% | 85.2% | 89.2% | 87.4% | 95.60% | 96.23% |

Upper

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | VGG16 | | CNN | | AlexNet | |
| Train accuracy | Validation Accuracy | Train accuracy | Validation Accuracy | Train accuracy | Validation Accuracy |
| 80-20 | 93.2% | 92.87% | 98.7% | 98.42% | 98.4 % | 99.16 % |
| 60-40 | 91.4% | 90.45% | 95.4% | 93.25% | 97.23% | 94.26% |
| 90-10 | 94.53% | 94.41% | 96.2% | 94.73% | 98.4% | 96.4% |