**Deep Air Architecture**

|  |  |  |
| --- | --- | --- |
| Nama Layer | Ukuran Output | Blok Residual |
| conv\_1x |  |  |
| conv\_2x |  |  |
| conv\_3x |  |  |
| conv\_4x |  |  |
| max pool |  |  |
| lstm |  |  |
| fc |  |  |

**Custom ResNet Like Architecture**

|  |  |  |
| --- | --- | --- |
| Nama Layer | Ukuran Output | Blok Residual |
| Conv |  |  |
| max pool |  |  |
| conv\_2x |  |  |
| conv\_3x |  |  |
| avg pool |  |  |
| lstm |  |  |
| fc |  |  |

**Custom ResNet Like Architecture 2**

|  |  |  |
| --- | --- | --- |
| Nama Layer | Ukuran Output | Blok Residual |
| Conv\_2x |  |  |
| Conv\_3x |  |  |

* **Epoch = 100**
* **Batch Size = 64**
* **Learning Rate = 0.001**

**Window Size = 1**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | MAPE Training Loss | MAPE Val Loss | MAPE Test Loss |
| Deep Air Architecture | 13.9% | 27.5% | 16.2% |
| Custom ResNet Archi | 12.6% | 21.3% | 15.5% |
| Custom ResNet-50 | 13.3% | 22.6% | 15.7% |
| Custom ResNet Archi 2 | 12.8% | 21% | 13.5% |

**Window Size = 2**

|  |  |  |  |
| --- | --- | --- | --- |
| Model | MAPE Training Loss | MAPE Val Loss | MAPE Test Loss |
| Deep Air Architecture | 13.3% | 22.7% | 10.4% |
| Custom ResNet Archi | 12.3% | 22.9% | 16.3% |
| Custom ResNet-50 | 12.8% | 24.8% | 17.4% |