Before Data Pipeline Optimization

```
+-----------------------------------------------------------------------------+
| NVIDIA-SMI 460.32.03    Driver Version: 460.32.03    CUDA Version: 11.2     |
|-------------------------------+----------------------+----------------------+
| GPU  Name        Persistence-M| Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp  Perf  Pwr:Usage/Cap|         Memory-Usage | GPU-Util  Compute M. |
|                               |                      |               MIG M. |
|===============================+======================+======================|
|   0  Tesla K80           On   | 00000000:04:00.0 Off |                    0 |
| N/A   42C    P8    26W / 149W |      0MiB / 11441MiB |      0%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+
|   1  Tesla K80           On   | 00000000:05:00.0 Off |                    0 |
| N/A   36C    P8    29W / 149W |      0MiB / 11441MiB |      0%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+
|   2  Tesla K80           On   | 00000000:85:00.0 Off |                    0 |
| N/A   35C    P8    26W / 149W |      0MiB / 11441MiB |      0%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+
|   3  Tesla K80           On   | 00000000:86:00.0 Off |                    0 |
| N/A   47C    P8    30W / 149W |      0MiB / 11441MiB |      0%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+

+-----------------------------------------------------------------------------+
| Processes:                                                                  |
|  GPU   GI   CI        PID   Type   Process name            GPU Memory       |
|        ID   ID                                             Usage            |
|=============================================================================|
|  No running processes found                                                 |
+-----------------------------------------------------------------------------+
```

After Data Pipeline Optimization

```
+-----------------------------------------------------------------------------+
| NVIDIA-SMI 460.32.03    Driver Version: 460.32.03    CUDA Version: 11.2     |
|-------------------------------+----------------------+----------------------+
| GPU  Name        Persistence-M| Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp  Perf  Pwr:Usage/Cap|         Memory-Usage | GPU-Util  Compute M. |
|                               |                      |               MIG M. |
|===============================+======================+======================|
|   0  Tesla K80           On   | 00000000:04:00.0 Off |                    0 |
| N/A   54C    P0    95W / 149W |  10935MiB / 11441MiB |     40%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+
|   1  Tesla K80           On   | 00000000:05:00.0 Off |                    0 |
| N/A   47C    P0    97W / 149W |  10944MiB / 11441MiB |     19%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+
|   2  Tesla K80           On   | 00000000:85:00.0 Off |                    0 |
| N/A   45C    P0    92W / 149W |  10935MiB / 11441MiB |     52%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+
|   3  Tesla K80           On   | 00000000:86:00.0 Off |                    0 |
| N/A   58C    P0   105W / 149W |  10935MiB / 11441MiB |     49%      Default |
|                               |                      |                  N/A |
+-------------------------------+----------------------+----------------------+

+-----------------------------------------------------------------------------+
| Processes:                                                                  |
|  GPU   GI   CI        PID   Type   Process name            GPU Memory       |
|        ID   ID                                             Usage            |
|=============================================================================|
|    0   N/A  N/A      4516      C   python                       10914MiB    |
|    1   N/A  N/A      4516      C   python                       10923MiB    |
|    2   N/A  N/A      4516      C   python                       10914MiB    |
|    3   N/A  N/A      4516      C   python                       10914MiB    |
+-----------------------------------------------------------------------------+
```