**Milestone 3 Report**

1. **Baseline:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Batch Size | Op Time 1 | Op Time 2 | Total Execution Time | Accuracy |
| 100 | *<op\_time>* | *<op\_time>* | *<exec\_time>* | *<accuracy>* |
| 1000 | *<op\_time>* | *<op\_time>* | *<exec\_time>* | *<accuracy>* |
| 10000 | *<op\_time>* | *<op\_time>* | *<exec\_time>* | *<accuracy>* |

1. **Optimization Number #: \_\_Optimization Name\_\_**
   1. How does this optimization work in theory? Expected behavior?
   2. How did you implement your code? Explain thoroughly and show code snippets.
   3. Did the performance match your expectation? Show your analysis results using profiling tools.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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| 1000 | *<op\_time>* | *<op\_time>* | *<exec\_time>* | *<accuracy>* |
| 10000 | *<op\_time>* | *<op\_time>* | *<exec\_time>* | *<accuracy>* |

<<Add more profiling analysis here>>

* 1. Does this optimization synergize with any other optimizations? How and why?
  2. List your references used while implementing this technique. (you must mention textbook pages at the minimum)

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