

Part of the LILY Project

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This is LLY-DML, a model of the LILY Quantum Machine Learning Project. Its task is to train datasets to a state using so-called L-Gates, quantum machine learning gates. Input data is used in parts of the machine learning gates, and other phases are optimized so that a state becomes particularly likely.

QUANTUM LLY-DML TRAINING REPORT

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This report shows all data related to the training conducted on: 06.08.2024

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- 1. Initiated Data
- 2. Loss Function
- 3. Comparison Between Initial and Final Results

1. Initiated Data

| Iterations | Shots |
|------------|-------|
| 100 | 1024 |

2. Loss Function





