

Weekly Progress Report

Group Members:

- Javier, Geron Simon
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Work Completed:

This week, our group worked on upgrading the trainer to improve its performance and efficiency. We made the training process better and used gradient accumulation to allow for a batch multiplier. This means we can train with larger batch sizes, which makes training more efficient and uses resources better.

Challenges Encountered:

It took some work to adjust the new training process to balance performance and how much resources we were using. Debugging the gradient accumulation was hard, because at first it caused problems with the loss calculations.

Solutions Implemented:

We fixed this by carefully looking at the gradient update process and changing things to make sure it was working right. This made the system stable and ready for more testing.

Tasks for Next Week:

Next week, we will analyze misclassified data points to pinpoint patterns and areas for improvement. We will then adjust the model architecture or training process based on these insights and retrain the model to address these issues. We will also start writing the mid-term project report, which will cover the progress we've made, the obstacles we've faced, and the results we've achieved so far.

Instructor's Feedback:

Instructor's Signature: _____

Date: November 22, 2024