

Fine-Tuning Cost Analysis

Executive Summary

Prepared by: ML Engineering Team

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Analysis Period: 1 scenarios evaluated

Key Findings

Metric	Value
Total Scenarios Analyzed	1
Total Estimated Cost	\$460.05
Average Cost per Scenario	\$460.05
Cost Range	\$460.05 - \$460.05
Average Training Time	27.4 hours

Strategic Recommendations

- Cost Optimization:** Consider QLoRA for up to 60% cost reduction while maintaining quality
- Model Selection:** 7B-13B models sufficient for most business applications
- Provider Strategy:** Lambda Labs and RunPod offer competitive pricing for development
- Timeline Planning:** Budget 2-7 days for training depending on model size
- Budget Allocation:** Reserve 20% contingency for unexpected training iterations

Next Steps

- Budget Approval:** Secure funding based on cost estimates
- Provider Selection:** Choose optimal cloud provider and configuration
- Pilot Project:** Begin with smallest viable model for proof of concept
- Performance Monitoring:** Track actual vs. estimated costs and performance
- Scale Planning:** Develop roadmap for production deployment