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Course Info

Week 3

Machine Learning Modeling Pipelines in Production

Week 3 Discuss the topic here. Go to forum 15 threads - Last post 15 days ago

Week 3: High-Performance Modeling



Implement distributed processing and parallelism techniques to make the most of your computational resources for training your models efficiently.

Learning Objectives

- Identify the rise in computational requirements with current network architectures
- Select techniques to optimize the usage of computational resources to best serve your model needs
- Carry out high-performance data ingestion to reduce hardware accelerators idling time
 Distinguish between data and model parallelism to train your models in the most efficient way
- Implement knowledge distillation to reduce models that capture complex relationships among features so that they fit in constrained deployment environments





