Instant Diagnosis: AI Radiologist
Keith Howard, HPC Solution Architect
Dell Technologies
AI Enables Computers to Help Doctors Diagnose Disease

Patient A

- Condition A
- Condition B
- Condition C
- Condition D
- Condition E
Neural Networks for Medical Image Classification

Patient A

- Condition A
- Condition B
- Condition C
- Condition D
- Condition E
HPC Leads to High Quality AI Diagnosis

- 90% accuracy identifying emphysema
- 88% accuracy identifying pneumonia

AUROC – Validation Set
Scalability Improves AI Time-to-Solution
