Artificial Intelligence in the Data Center Industry

Agenda

- Hosting AI Platforms
- Scaling the Eco-System
- Energy and Sustainability
- Impact on Skills

Hosting AI Platforms

- Topology
  - Core, Edge, and Devices
- Training, Inference, and Cloud
- Monetization
  - Models
  - Cloud Integration
  - Human in the Loop
  - Developer Productivity

Scaling the Eco-System

Infrastructure

- Energy and Fiber

Design

- Rack densities
- Mechanical, Electrical and Plumbing

Data

- Quantum and latency

Capital Investments

- Data Center
- AI Platforms

Energy and Sustainability

Grid

Supply Chain

Carbon Free Energy

Impact on Skills

Construction and Operations