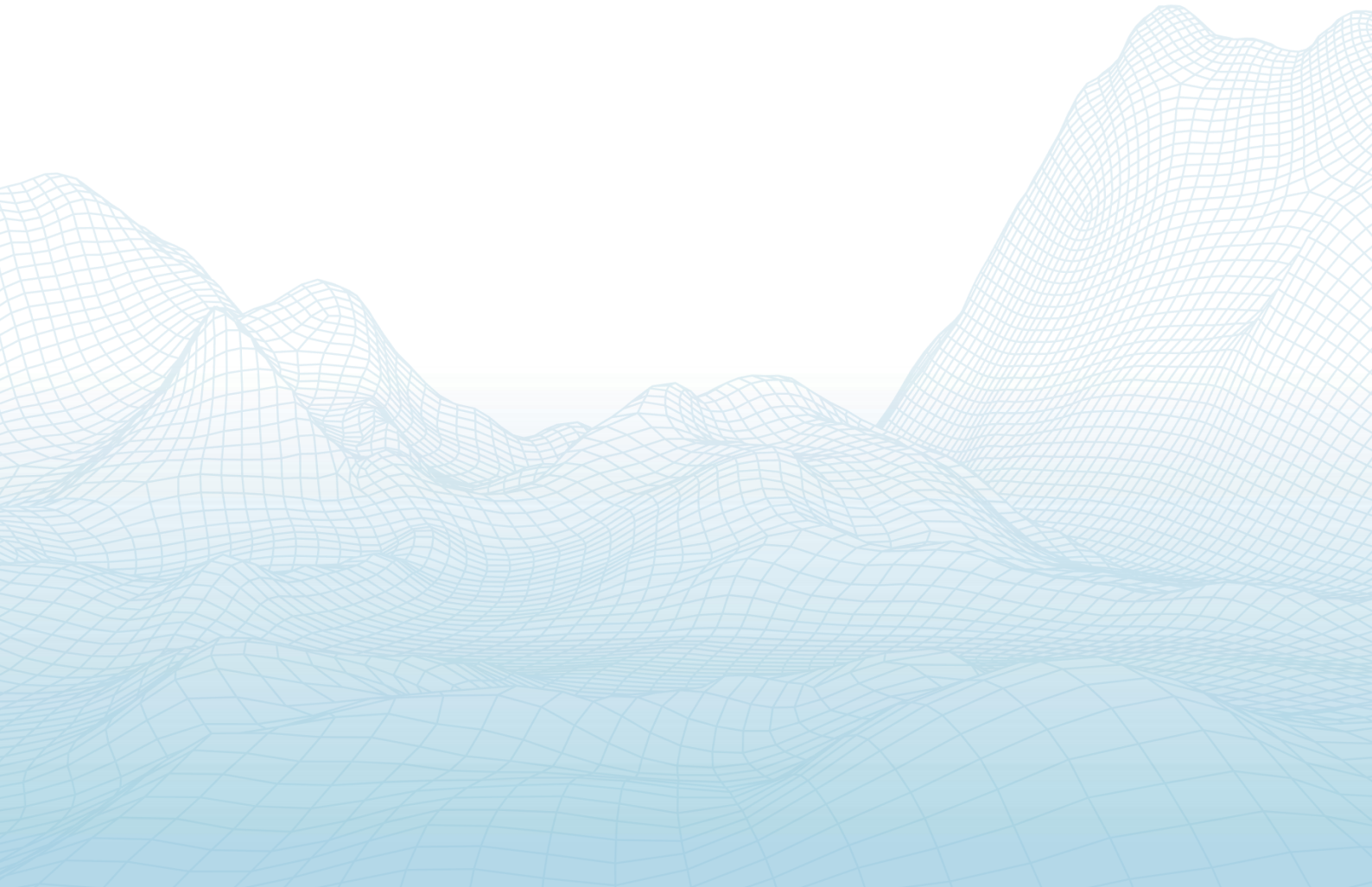
DATAMINE

Open Pit Workshop

Mine Planning Course Overview

Ghana Workshop: 21 – 24 October 2025



Module 1: Optimization Using the New Scheduling Engine – Maroma in NPVS+

- **Advanced Optimization**
  Learn how the new Maroma scheduling engine enhances NPVS+ workflows with faster computation and improved optimization accuracy.

- **Case Study Applications**
  Apply Maroma to real-world open pit scenarios, demonstrating how smarter scheduling improves NPV, fleet utilization, and overall mine economics.

Module 2: Auto Design in Studio OP

- **Automated Pit & Dump Design**
  Discover how Studio OP's auto design functionality accelerates the generation of pits, waste dumps, and haul roads while reducing manual design work.

- **Practical Workflows**
  Explore workflows that integrate auto design with optimization results, enabling engineers to iterate quickly and achieve compliant, practical designs.

Module 3: End of Month and Reconciliation Reports

- Use reconciliation tools to link mine plans with survey data, ensuring transparency in reporting and supporting continuous improvement in planning accuracy.