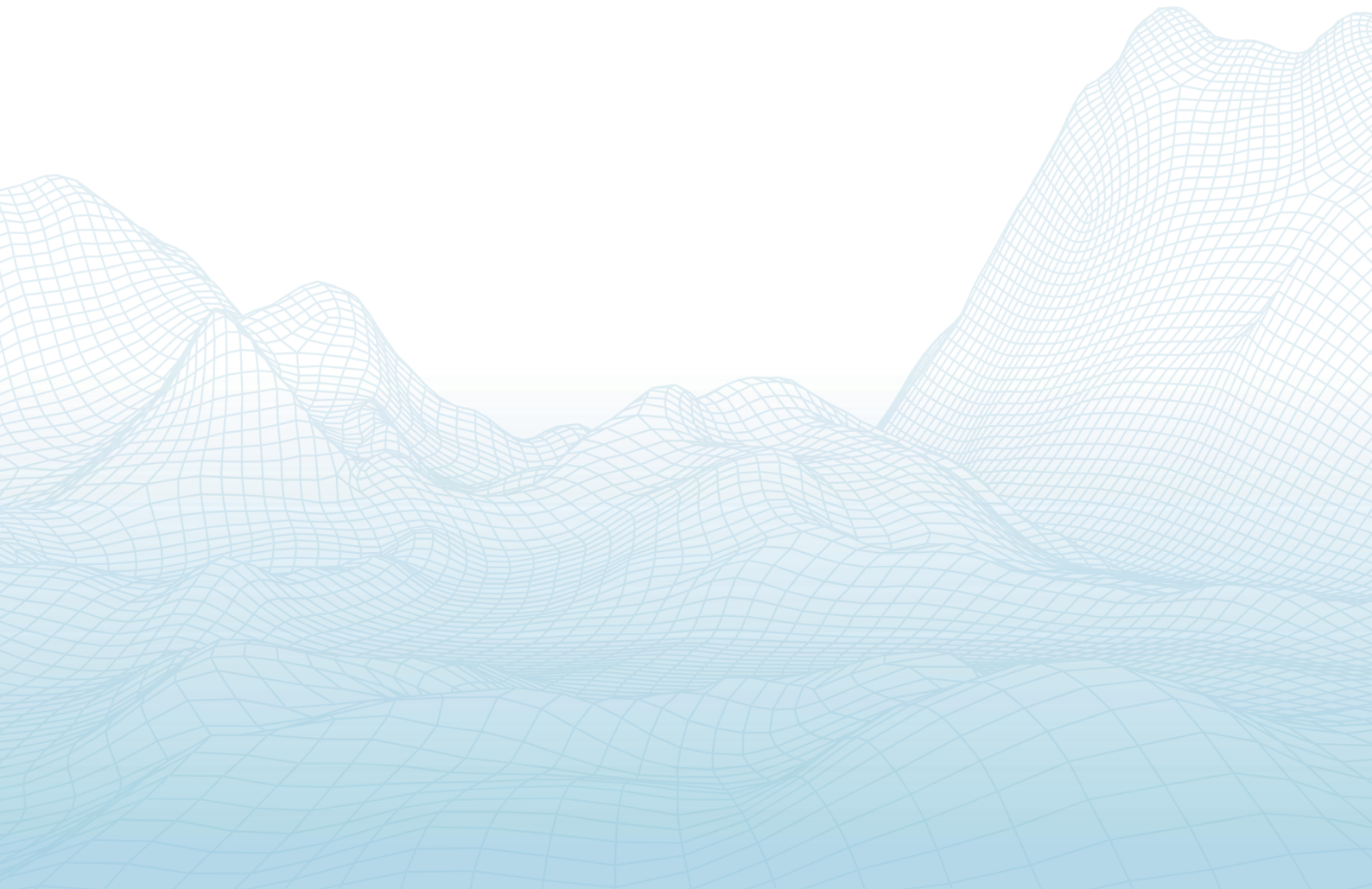
DATAMINE

Underground Workshop

Course Overview

Ghana Workshop: 21 – 23 October 2025



Day 1 - Module 1: MSO – Mineable Shape Optimizer

- **Room and Pillar Case Study**
  Apply the new MSO to room and pillar scenarios. Learn how enhanced stope optimization improves ore recovery and design efficiency.

- **Sublevel Stoping Applications**
  Explore how the updated version drives smarter stope shapes for sublevel stoping, reducing dilution and improving economics.

Day 2 - Module 2: Studio UG – Automated Design & Reconciliation

- **Automated Design**
  Discover how the new Studio UG automates underground design with higher precision and reduced manual work.

- **Reconciliation**
  Learn how to use reconciliation tools to compare designed stopes with CMS (Cavity Monitoring Survey) data, providing clear insight into performance and stope compliance.

Day 3 - Module 3: Aegis Analyzer – Optimizing Drilling Parameters

- **Introduction to Aegis Analyzer**
  Get a glimpse into the latest version of Aegis Analyzer and its role in optimizing drilling parameters for safer, faster, and more efficient operations.

- **Real Case Studies**
  Walk through real-world examples demonstrating how drilling parameters were fine-tuned with Aegis Analyzer to reduce costs and maximize productivity.