

Running a Lambda

Follow these steps to execute a spatial lambda:

Step 1: Prepare Your Dataset

Ensure your data is processed into an **indexed dataset** or **voxel grid**. Lambdas operate on indexed datasets rather than raw uploads.

Step 2: Select or Upload a Lambda

Navigate to your dataset's actions menu

Choose **Run Lambda**

Select a pre-built lambda (e.g., volume calculation, surface extraction) OR upload your own code file

Step 3: Configure Parameters

Define the execution parameters:

Region of interest: Full dataset or specific bounding box

Property filters: Set thresholds (e.g., grade \geq 0.5)

Output options: Specify whether to generate new datasets

User inputs: Provide any custom parameters your lambda requires

Step 4: Launch the Job

Start the lambda execution:

The task appears in **Pending Tasks**

On the free tier, only one job (processing or lambda) can run at a time

Additional jobs queue until the current job finishes

Step 5: Review Results

When complete, results appear in:

Reports section: Summary values and statistics

Outputs section: New datasets generated by the lambda

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