3. Process Data into Indexed Datasets

To make data queryable and visualizable, convert raw objects into indexed datasets or voxel grids:

Indexed Points

Converts a raw point cloud into a queryable point-cloud dataset. Select your source point cloud and click **Create**.

Indexed Mesh

Similar to Indexed Points but for meshes. Select the raw mesh as source and create an indexed mesh.

Indexed Imagery

Processes ortho-imagery into an indexed raster dataset. **Important:** Only one processing job can run at a time onthe free tier, so subsequent jobs remain queued until the current task finishes.

Voxel Block Model

Converts block-model tables into voxel grids. You can specify:

- Translation offsets
- Scale factors
- Rotation parameters

Launch this process only when no other job is queued.

Additional Processing Options

- **Voxel Terrain**
- **Ortho Voxel Terrain**
- **Voxelised Points**
- **Voxelised Mesh**

Each option is tailored to specific data types. Processing tasks appear on the **Pending Tasks** page. In the free tier,only one task can run concurrently, so plan your workflow accordingly.

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