Electron & JavaScript

Input Files — Parsing → Editor — Export → Projection View

Editor → Web 3D View

Filtering, Transforming, Styling

Internal Urban Data Representation

Geometry   Metadata

Represented as

Objects — Transform → Height Map

Points

Curves

Areas

Height Map — Convert → Export for 3D Print

Height Map — Voxelization → Export for Lego

Python & C++ Backend