

AI Transparency Card

Revit

Generative Design in Revit

What this AI does

Generative Design in Revit helps you explore multiple design options and their trade-offs quickly. You define goals and constraints, for example maximizing daylight or minimizing cost, and the feature generates and scores alternatives against those criteria. When goals compete, for example when increasing daylight also increases cost, the feature shows how each option performs so you can compare trade-offs and choose the design that best meets your priorities. Results are options: geometry and data, that can be reviewed, compared side-by-side, and used directly within your model.

Data handling

Training data

Data types	N/A (no model training) (common elements)
Data sources	N/A (no model training)
Personal data	N/A (no model training)

Customer choice

Feature classification	Standard
Choice format	Always on

Trust & safeguards

Human oversight	Yes
Built-in safeguards	Encryption
Known limitations	Results may vary based on inputs, Not for safety-critical use

Additional transparency

Model provider	Autodesk
Primary technique	Evolutionary algorithm