Ignacy Lozinski ✔

3D model
VS
BIM Model

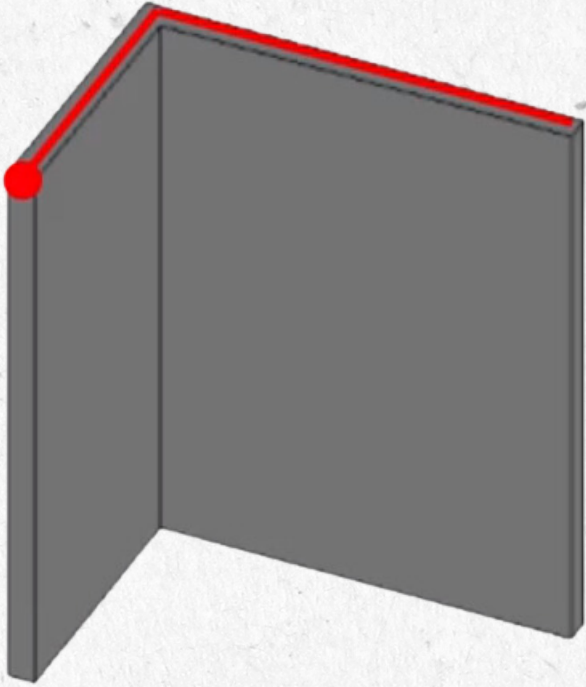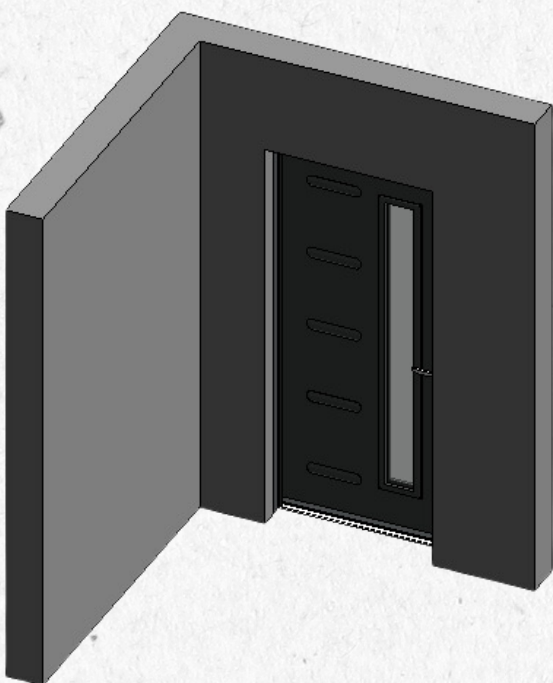**What's the difference?**

→

Ignacy Lozinski ✅

3D model

✅ **3D models, are just combinations of geometric objects such as points, lines, and faces**

VS

BIM model

✅ **It contains 3D data and object attributes that define further the object, and its purpose in the model.**
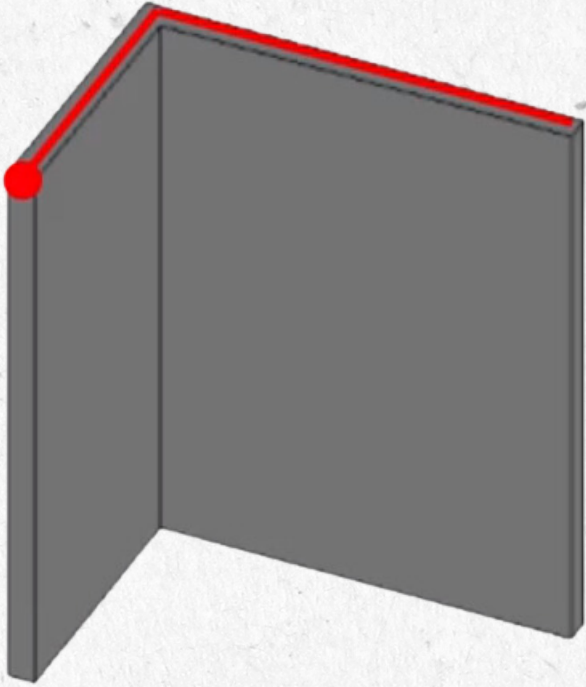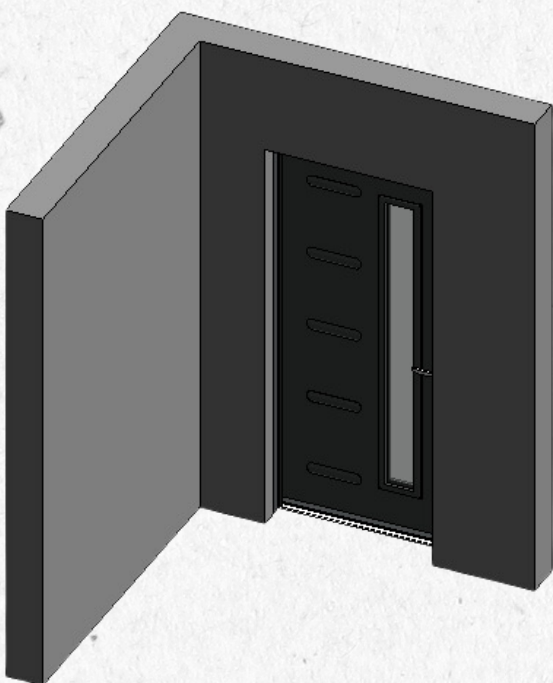
→

Ignacy Lozinski ✔

3D model

The computer has no idea what the combination of these geometric objects really represents in the real world
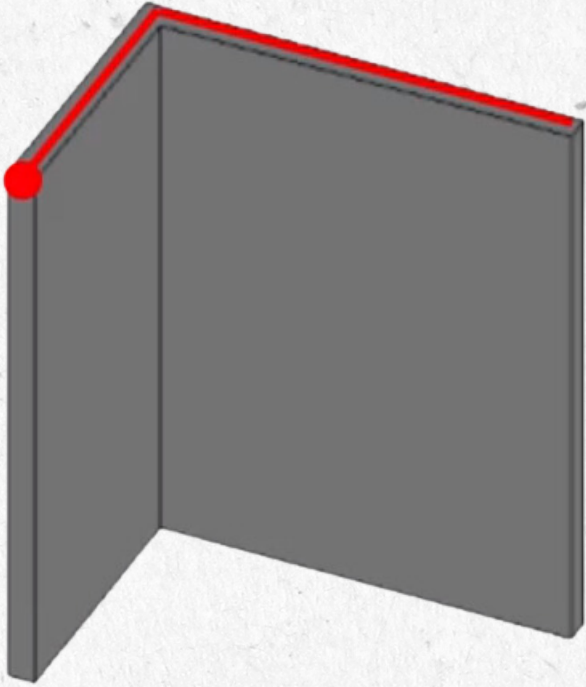
VS

BIM model

Computer understands that this digital model correspond to the real objects in the physical world
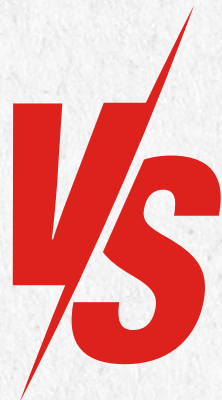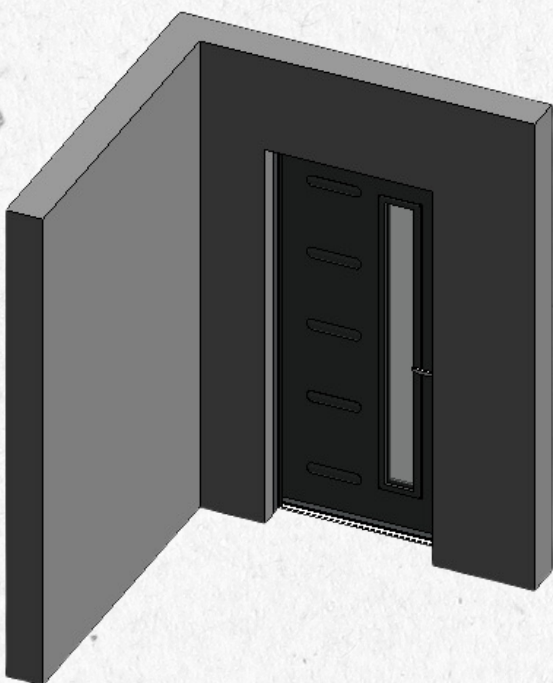
→

Ignacy Lozinski ✔

3D model

✅ These models don't have parametric behavior, which means they can't adjust their positioning or proportions.

✅ Making changes to these models requires significant effort and can lead to inconsistent or inaccurate views of the model.

VS

BIM model

✅ The model has parametric behavior. E.g: if a door is removed from the wall, the shape of the wall and its properties, like size and surface, will also change.
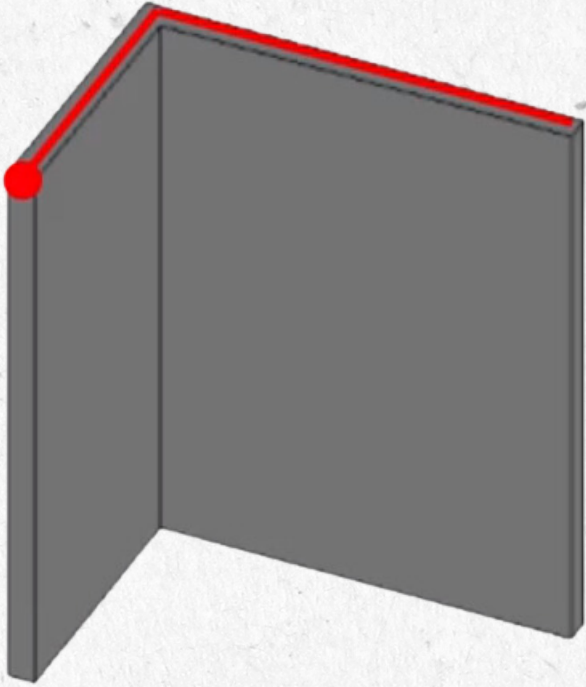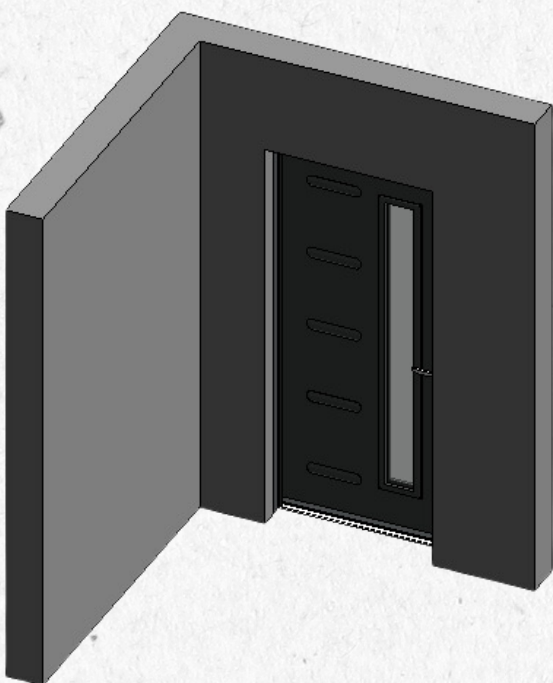
→

Ignacy Lozinski ✔

3D model

✔ **Mostly used only for visualization purposes**
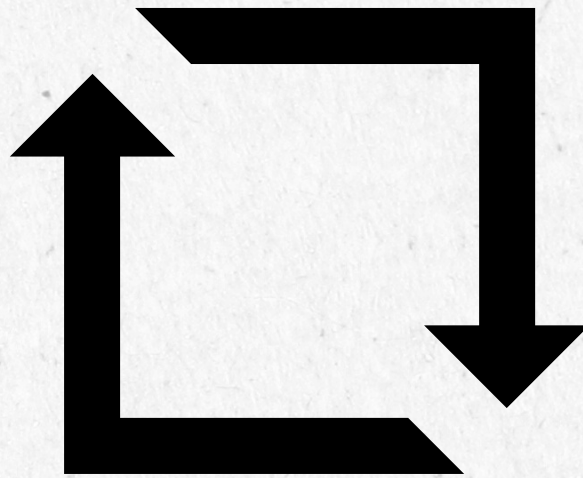
VS

BIM model

✔ **We use BIM models to perform coordination, analyze costs, plan different construction activities, or manage the building assets included in the model.**

→

Did you learn something new today?

Reshare it.

For more valuable daily insights about BIM and construction technology. Follow me on LinkedIn

Helping people understand BIM

Become BIM Coordinator
becomebimcoordinator.

BIM Corner
bimcorner.com

Ignacy Lozinski

I help AEC professionals understand BIM through practical training programs || 🚀 Founder of BIM Corner & Become BIM Coordinator

Talks about #bim, #education, #engineering, #personaldevelopment, and #constructiontechnology

Multiconsult

UPC Universitat Politècnica de Catalunya