

# Revit Floor Plans In Power BI!



**Power BI**

# Revit Floor Plans

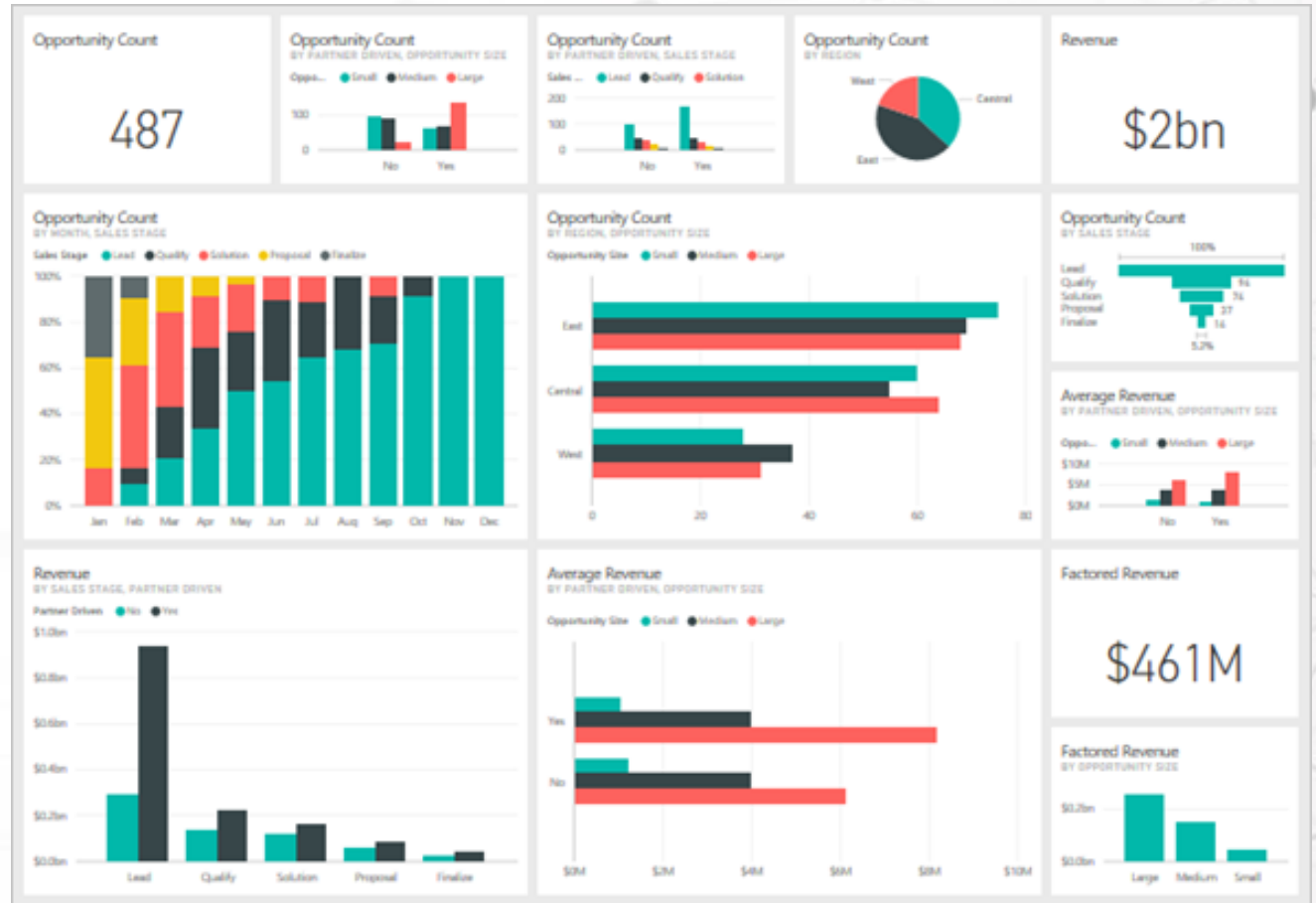
In Power BI



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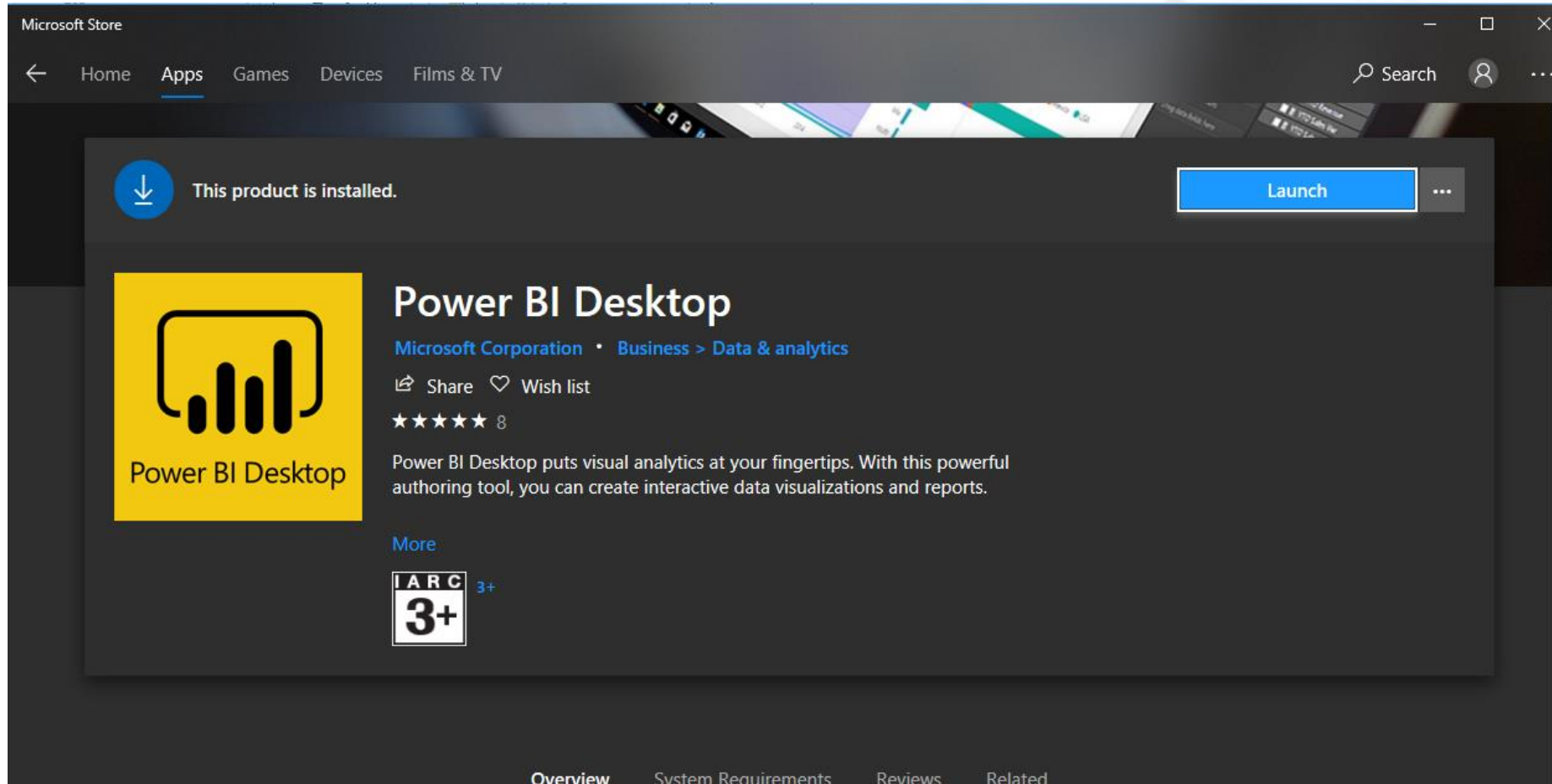
# What is Power BI?

## *Interactive* Data Visualization



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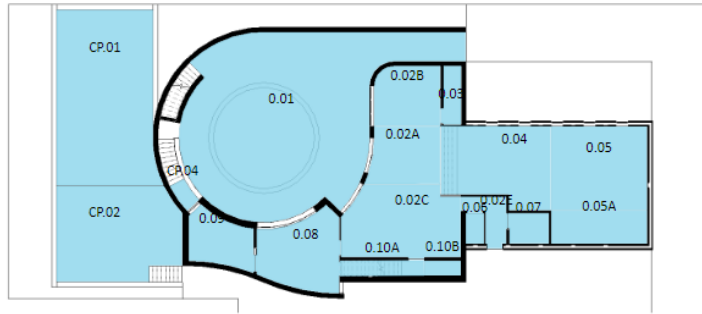
# It's free!!!



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# Floor Plans in Power BI

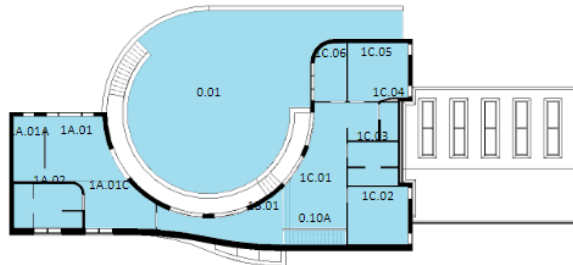
Ground Floor Plan



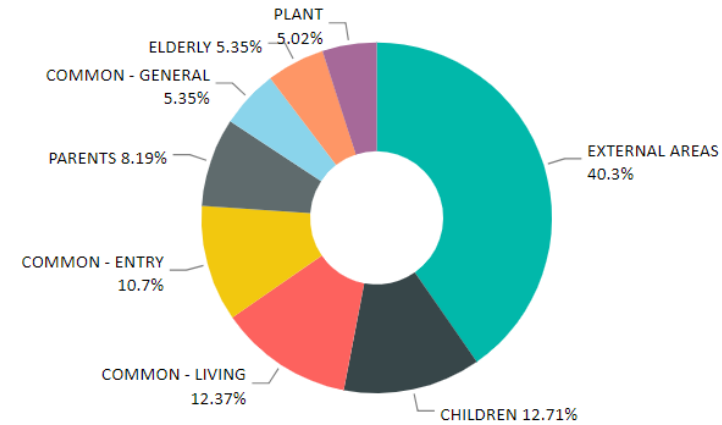
BAR

0.01

First Floor Plan



Zone Percentage



| Number | Name       | Area | Floor F...                   | Ceiling Fi...                    | Wall Fi...                       |
|--------|------------|------|------------------------------|----------------------------------|----------------------------------|
| 0.01   | COURTYARD  | 130  | <input type="checkbox"/> CON | <input type="checkbox"/> CON     | <input type="checkbox"/> CON     |
| 0.02A  | ENTRY      | 15   | <input type="checkbox"/> CPT | <input type="checkbox"/> CPB     | <input type="checkbox"/> TIL/WPB |
| 0.02B  | KITCHEN    | 15   | <input type="checkbox"/> TIL | <input type="checkbox"/> CPB/SKY | <input type="checkbox"/> WPB     |
| 0.02C  | DINING     | 30   | <input type="checkbox"/> TMB | <input type="checkbox"/> FCS     |                                  |
| 0.02E  | REAR ENTRY | 5    |                              | <input type="checkbox"/> N/A     |                                  |
| 0.03   | PANTRY     | 4    |                              |                                  |                                  |
| 0.04   | LIVING     | 31   |                              |                                  |                                  |
| 0.05   | ENTERTAIN  | 31   |                              |                                  |                                  |
| 0.05A  | BAR        | 12   |                              |                                  |                                  |
| 0.06   | WC         | 2    |                              |                                  |                                  |
| 0.07   | LAUNDRY    | 5    |                              |                                  |                                  |
| Total  |            | 598  |                              |                                  |                                  |

Floor F... ☐ CON ☐ CPT ☐ TIL ☐ TMB

Ceiling Fi... ☐ CON ☐ CPB ☐ CPB/SKY ☐ FCS ☐ N/A

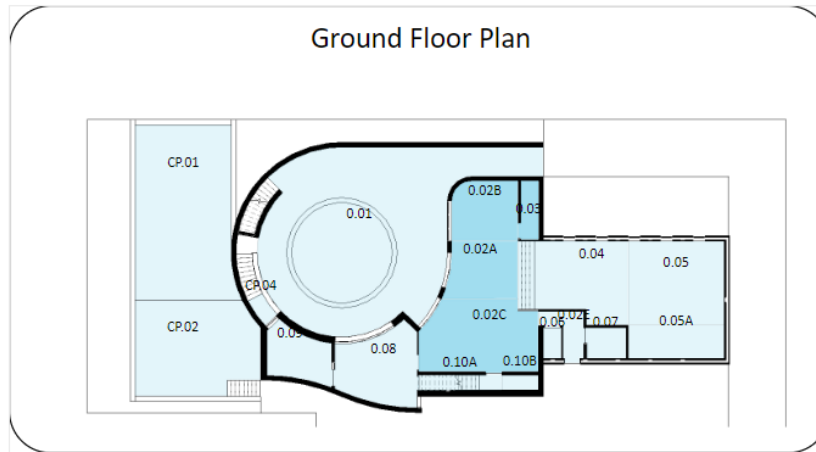
Wall Fi... ☐ CON ☐ TIL/WPB ☐ WPB

Level ☐ Carport ☐ Ground Floor ☐ Level 1A ☐ Level 1C



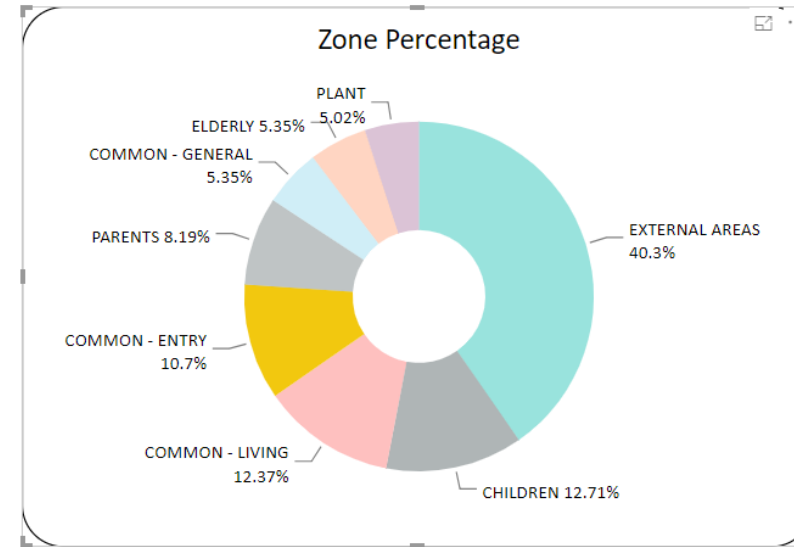
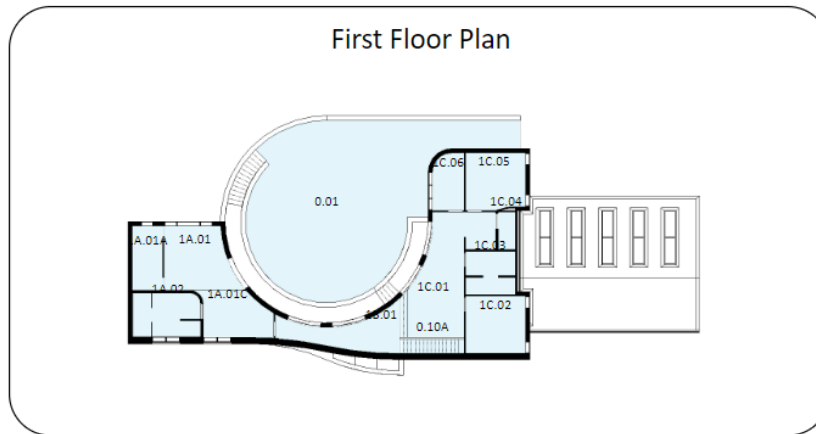
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# Floor Plans in Power BI



DINING

0.02A



| Number | Name    | Area |
|--------|---------|------|
| 0.02A  | ENTRY   | 15   |
| 0.02B  | KITCHEN | 15   |
| 0.02C  | DINING  | 30   |
| 0.03   | PANTRY  | 4    |
| Total  |         | 64   |

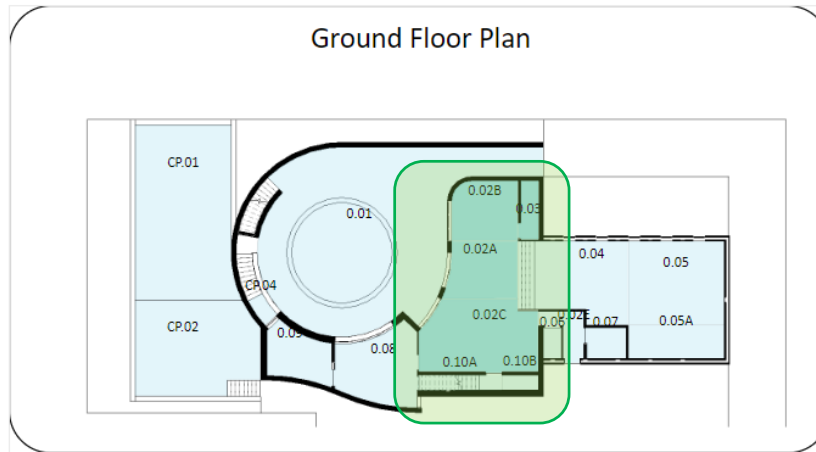
| Floor F...                   | Ceiling Fi...                    | Wall Fi...                       |
|------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> CON | <input type="checkbox"/> CON     | <input type="checkbox"/> CON     |
| <input type="checkbox"/> CPT | <input type="checkbox"/> CPB     | <input type="checkbox"/> TIL/WPB |
| <input type="checkbox"/> TIL | <input type="checkbox"/> CPB/SKY | <input type="checkbox"/> WPB     |
| <input type="checkbox"/> TMB | <input type="checkbox"/> FCS     |                                  |
|                              | <input type="checkbox"/> N/A     |                                  |

| Level                                 |
|---------------------------------------|
| <input type="checkbox"/> Carport      |
| <input type="checkbox"/> Ground Floor |
| <input type="checkbox"/> Level 1A     |
| <input type="checkbox"/> Level 1C     |



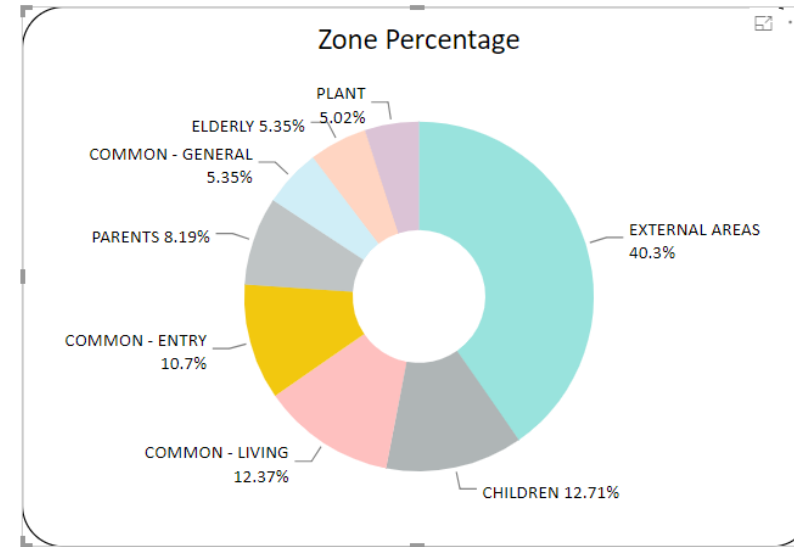
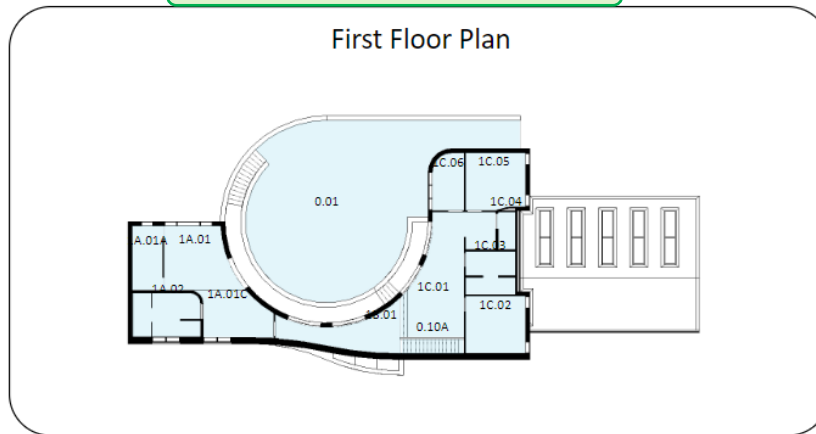
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# Floor Plans in Power BI



DINING

0.02A



| Number | Name    | Area |
|--------|---------|------|
| 0.02A  | ENTRY   | 15   |
| 0.02B  | KITCHEN | 15   |
| 0.02C  | DINING  | 30   |
| 0.03   | PANTRY  | 4    |
| Total  |         | 64   |


- Floor F... ☐ CON ☐ CPT ☐ TIL ☐ TMB
- Ceiling Fi... ☐ CON ☐ CPB ☐ CPB/SKY ☐ FCS ☐ N/A
- Wall Fi... ☐ CON ☐ TIL/WPB ☐ WPB
- Level ☐ Carport ☐ Ground Floor ☐ Level 1A ☐ Level 1C





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<https://okviz.com/synoptic-panel/>


SMART FILTER PRO 

SMART FILTER 


SPARKLINE 

**SYNOPTIC PANEL** 

BULLET CHART 

CARD WITH STATES 

CANDLESTICK 

DOT PLOT 




COLOR HELPER 

CHART PLACEHOLDER 



# Synoptic Panel

for Microsoft Power BI®

Synoptic Panel by OKViz allows you to present one or more images (called maps, not necessarily geographical maps), assigning a meaning to arbitrary parts of them (called areas). You can highlight and color these areas dynamically and display several information over them. To design maps you can use a vector graphic editor or our companion tool **Synoptic Designer**.

v **1.5.0**  
Released on **Apr 20, 2018**

**DOWNLOAD**  
FREE VERSION



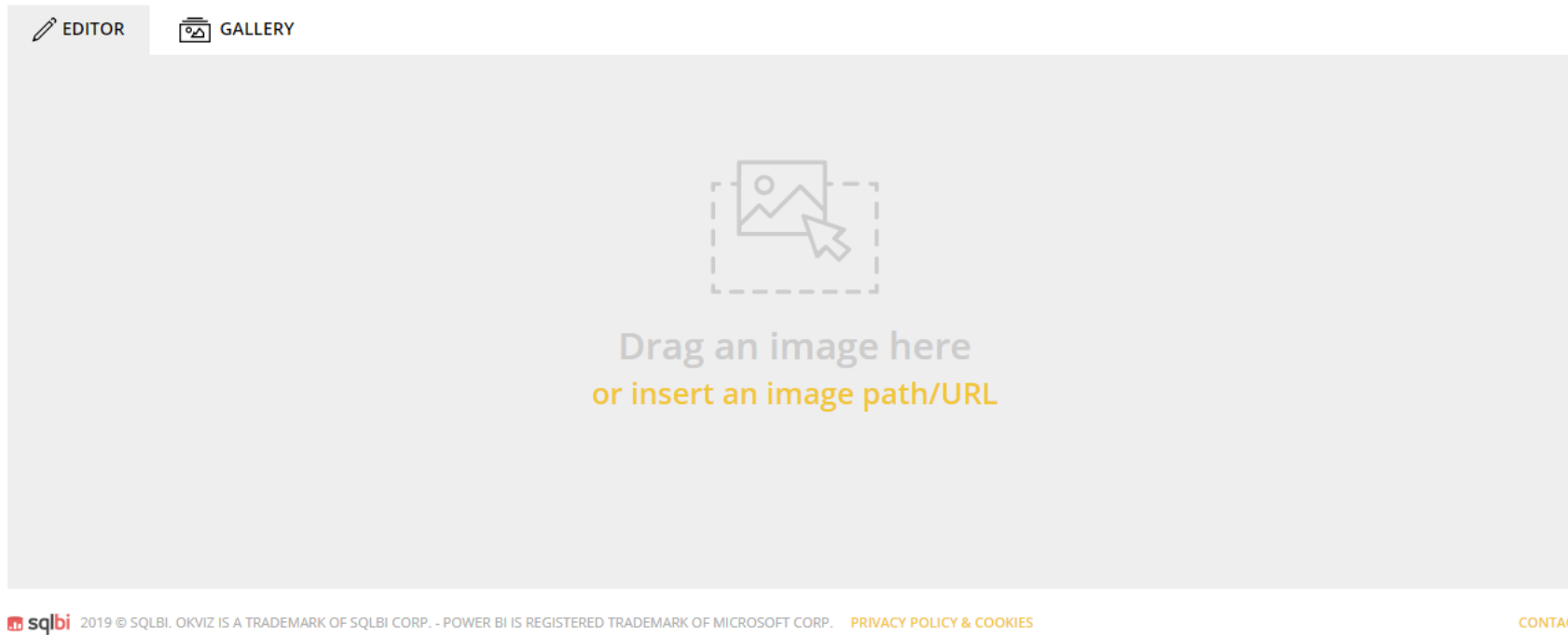
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# <https://synoptic.design/>

## SYNOPTIC DESIGNER FOR POWER BI

Synoptic Designer is the companion tool of **Synoptic Panel by OKViz**, grand prize winner of the first Power BI Best Visual contest. It allows you to draw custom areas over any map image and export it as SVG file to Power BI. Then, through our Synoptic Panel, you will be able to color the different areas based on your data.



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# We need

Revit floor plan(s)  
+ Room schedule(s)

MS Excel

Dynamo (optional)

Power BI



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# Room data

Room Number essential

Name

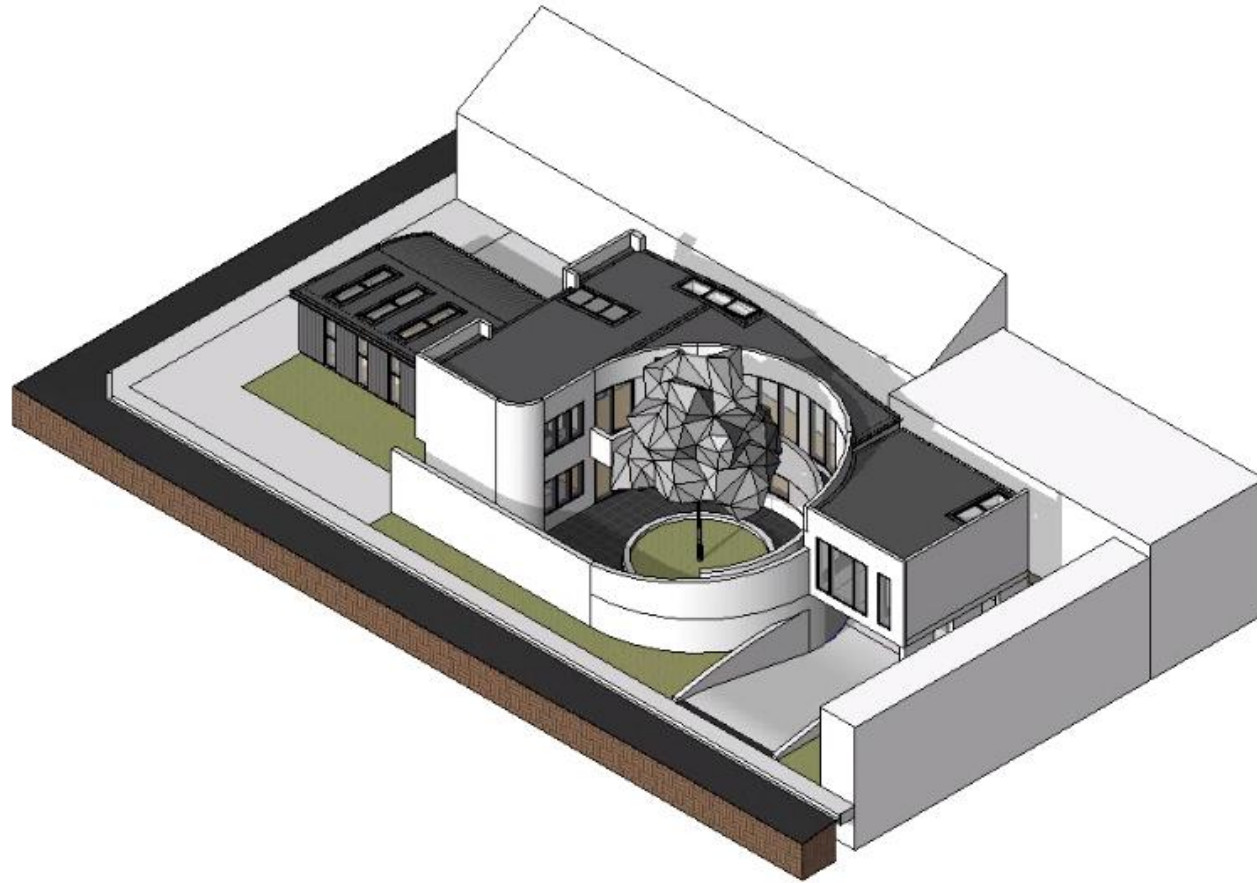
Level

Department

Finishes (floor/wall/ceiling)

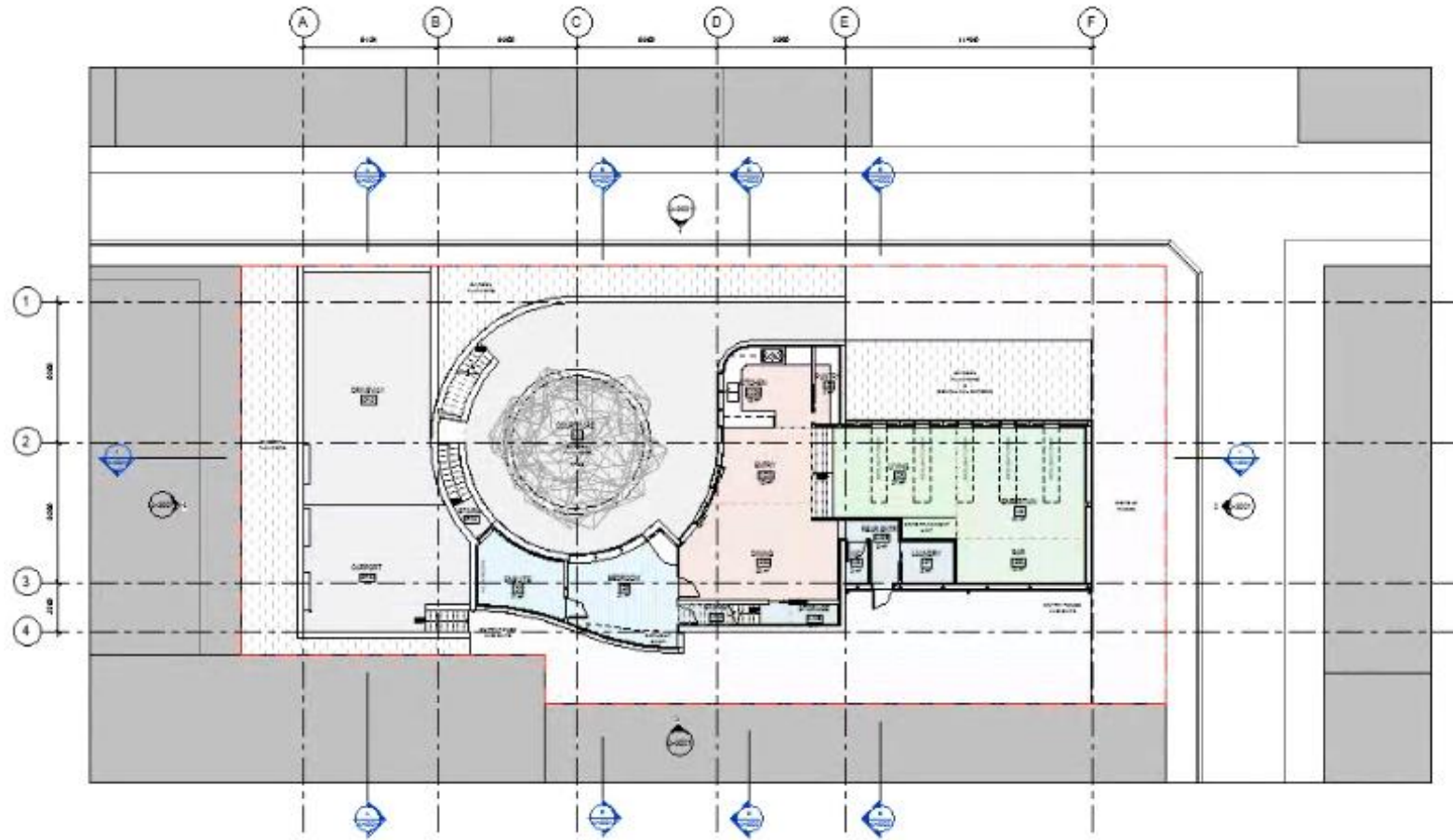


# Today's model



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# Today's model



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A faint, light gray background graphic consisting of a network of interconnected dots and lines, resembling a molecular structure or a data network, extending across the right side of the slide.

# Without further ado...

## Let's set up Power BI Floor plans!



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# Further research

Section, Axonometric

Shape file editing (Inkscape, AI)

Automation via Dynamo/Python



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**Power BI**