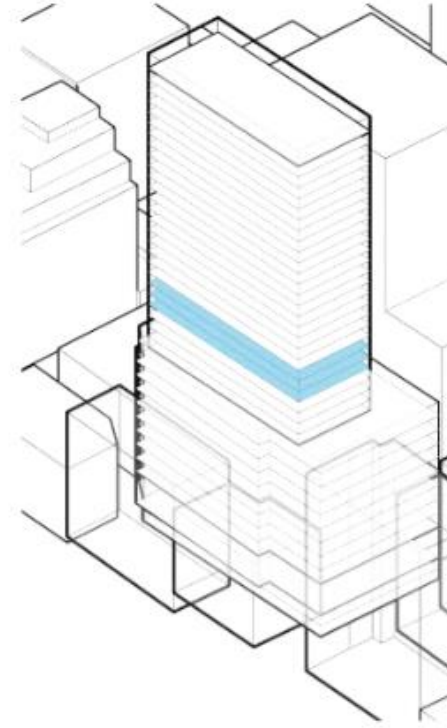




**Power BI**



**3558**  
GBA

**3201**  
GFA

**1.20**  
FSR

# Revit Feasibility

## Power BI Reports

# Revit

## Site and Massing Study

- 1: Site/Controls
- 2: Building Massing
- 3: Design Options
- 4: Scheduling Areas
- 5: Shadow Diagrams



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# Dynamo

## Site Analysis

6: Shadow diagram setup

7: Surface Analysis Grids

8: View Analysis

9: Sun Hour Analysis

10: Analysis Refinement



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# Power BI

Analysis and reporting

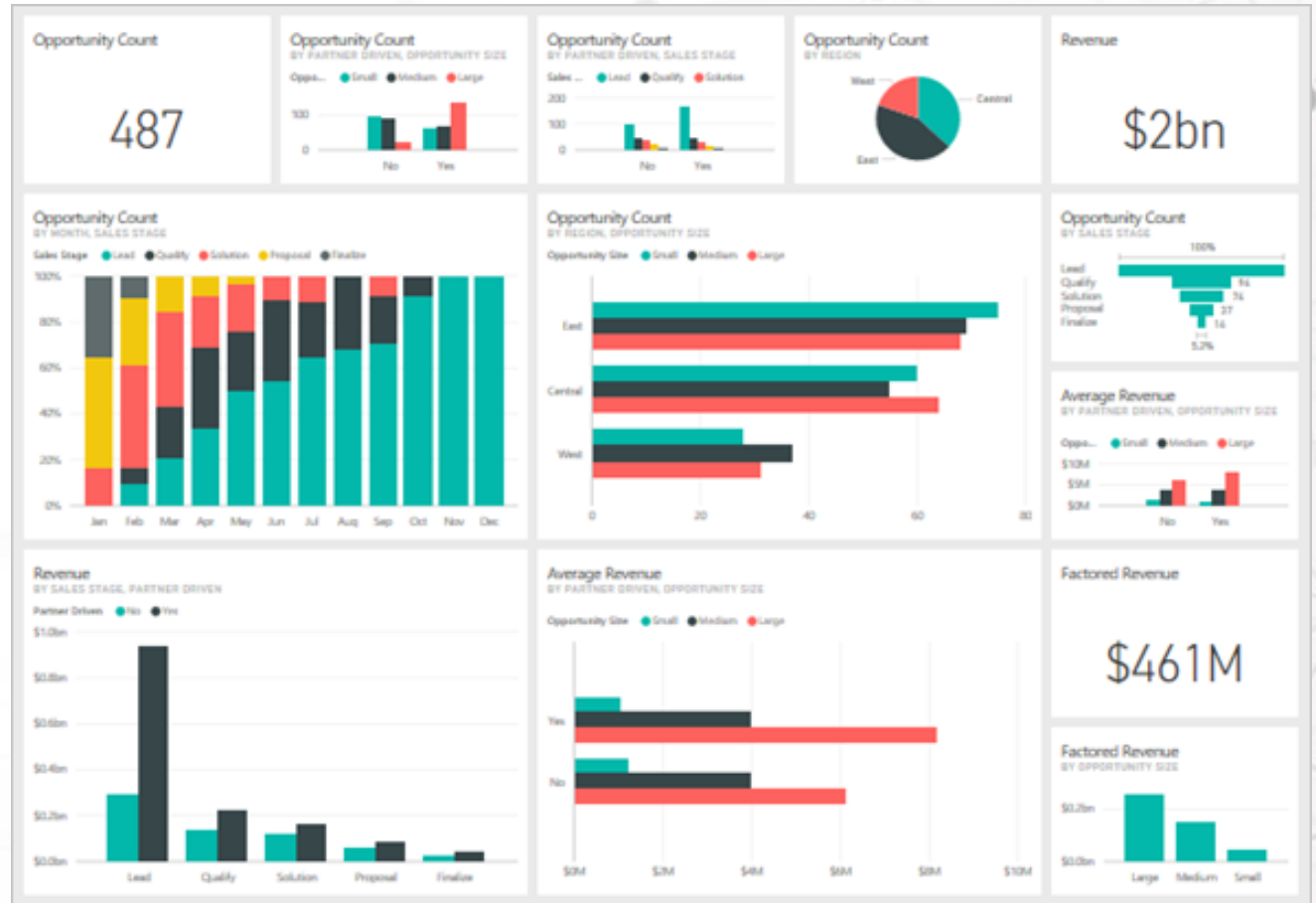
## **11: Power BI Report**



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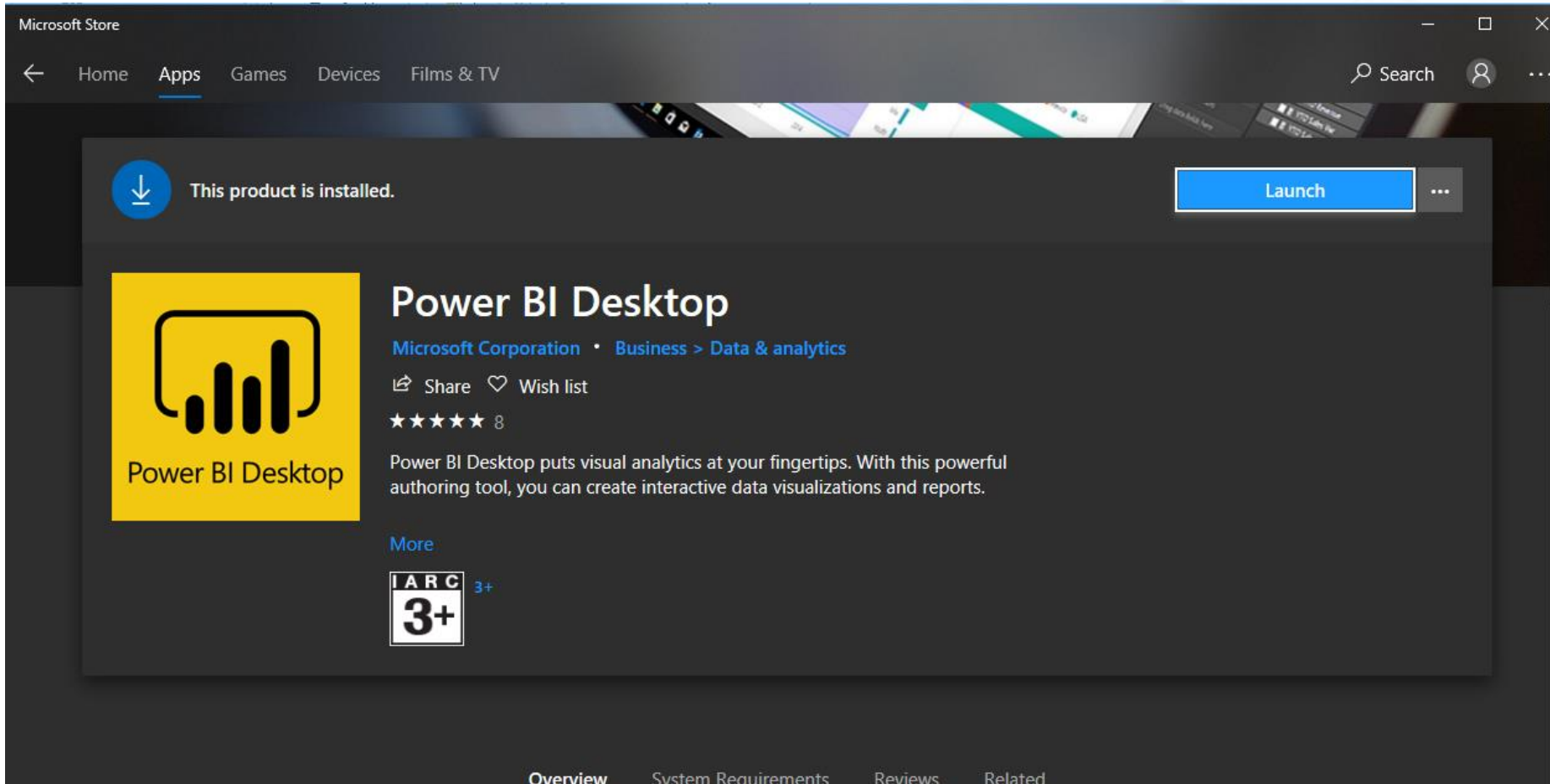
# What is Power BI?

## *Interactive* Data Visualization



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# It's free!!!



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# Our Goal



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# Pre-prepared XCL data

Mass floor schedule

Apartment counts/\$

Sun hours by floor

Building section



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## Getting Revit Views into Power BI!

327 views



**Aussie BIM Guru**

Published on Aug 9, 2019


PowerPoint Presentation - Aussie BIM Guru

Revit Floor Plans  
In Power BI!

Power BI

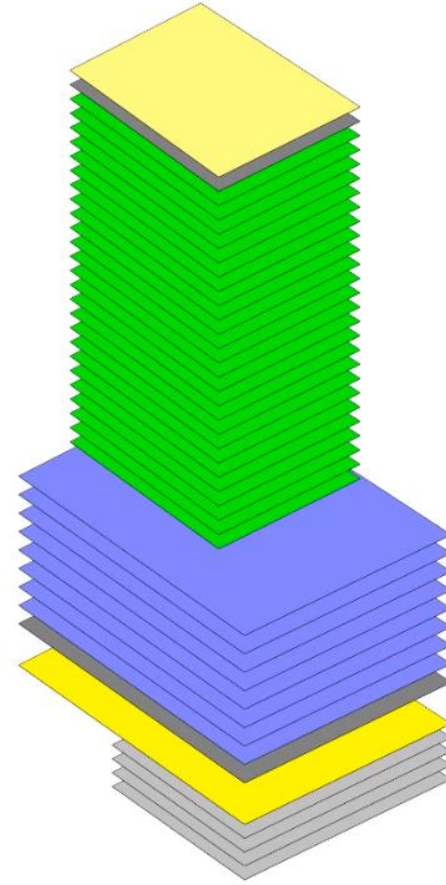
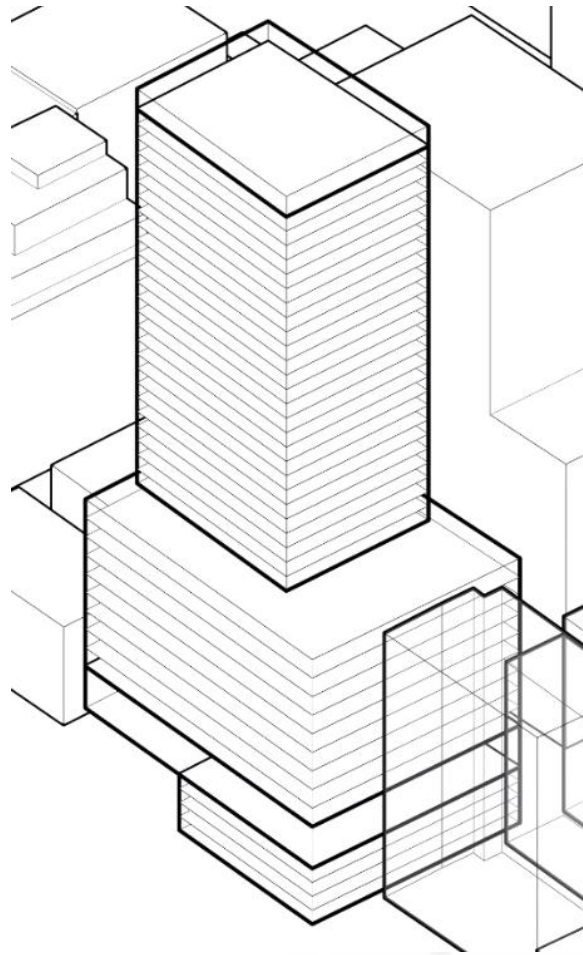
AG  
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BIM  
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Email me at  
aussieBIMguru@gmail.com

 AUTODESK  
REVIT



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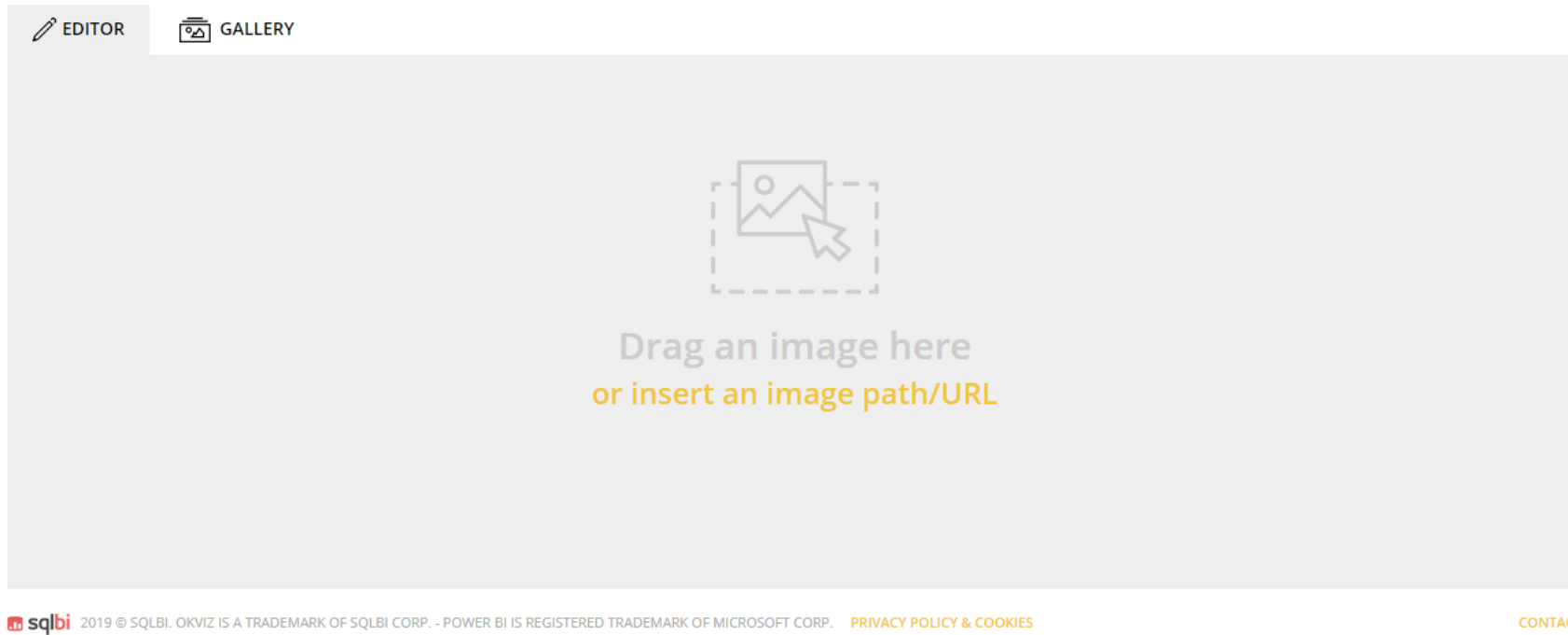


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# <https://synoptic.design/>

## 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.

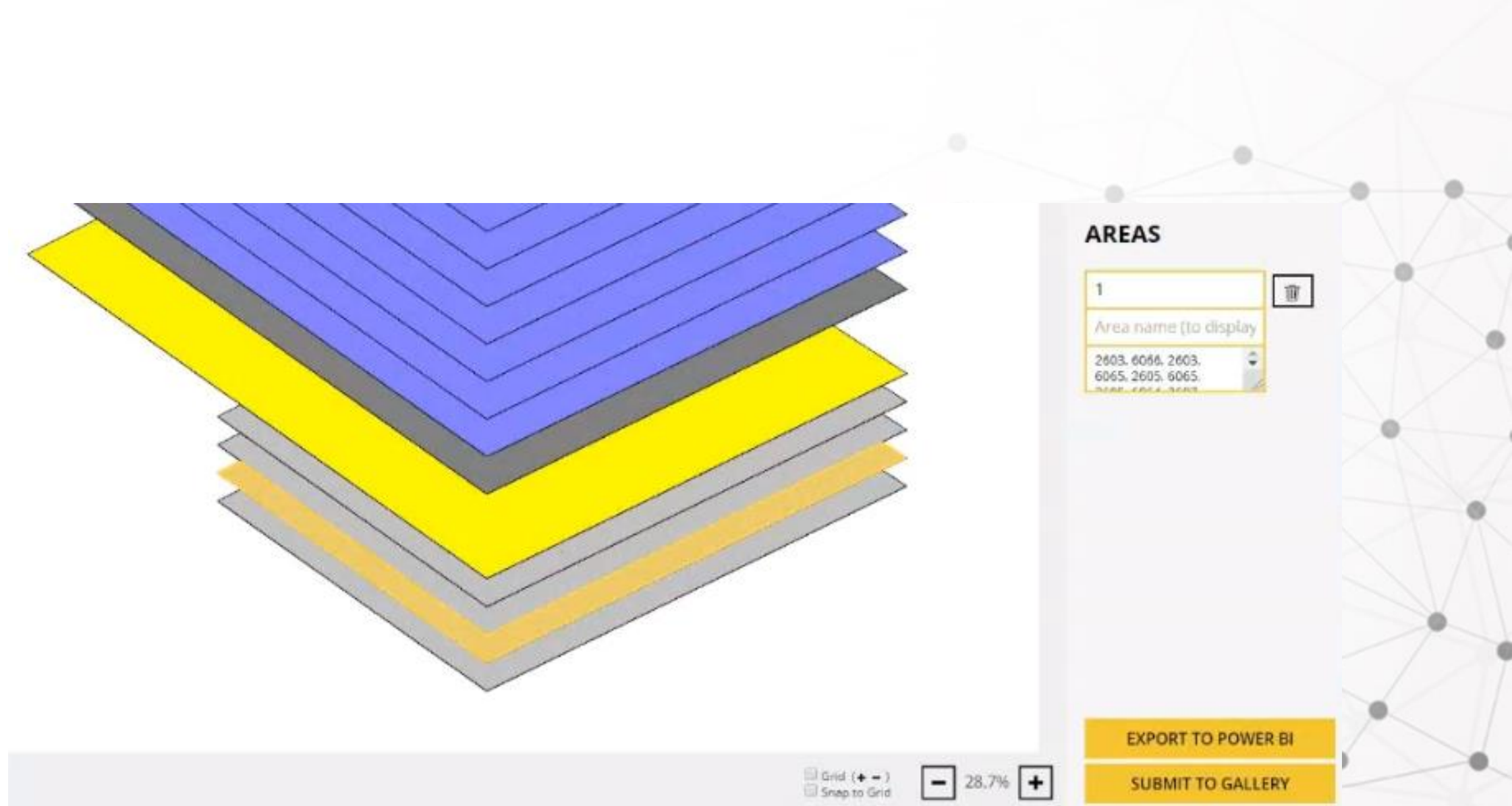


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[CONTACT](#)



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### AREAS



Area name (to display)

2775, 1217, 2775,  
1216, 2777, 1216,  
2777, 1216, 2777

Level 35



Area name (to display)

2741, 1133, 2741,  
1132, 2743, 1132,  
2743, 1134, 2743

Level 36



Area name (to display)

2690, 807, 2690, 808,  
2691, 808, 2691, 809,  
2692, 809, 2692, 810

☐ Grid (+ - )

☐ Snap to Grid

-

6.25%

+

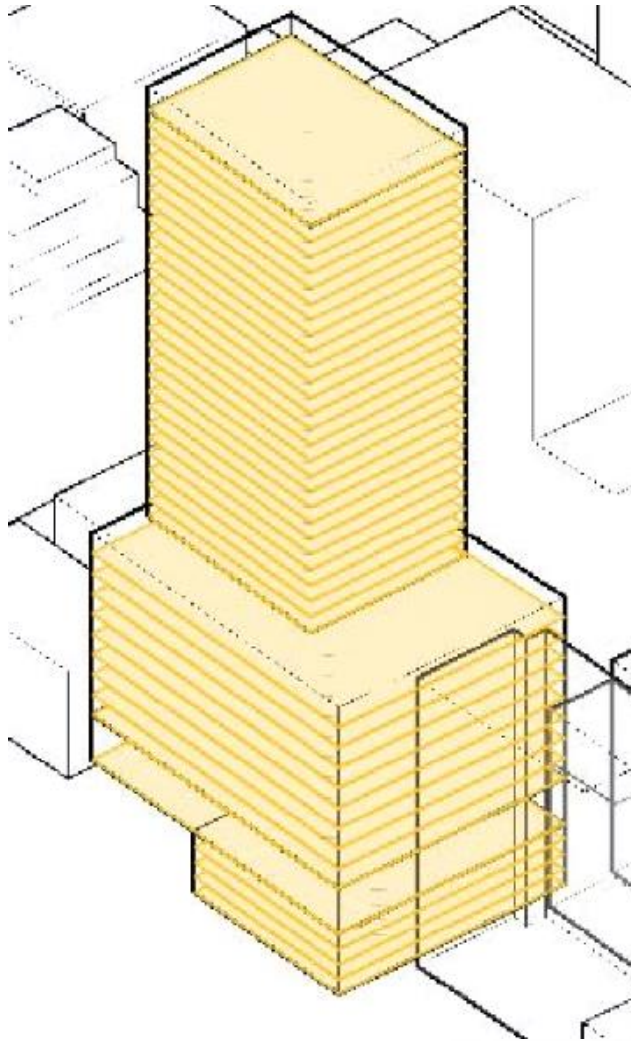
EXPORT TO POWER BI

SUBMIT TO GALLERY



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### EXPORT TO POWER BI

Fantastic work! Now you can import the following file in Synoptic Panel by OKViz in Power BI and start highlighting your data:




Right click on the above image and press **Save Image as...**





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

# Without further ado...

## Let's get started...



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### Dynamo Tutorials

Updated 2 days ago

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Revit Building Massing (Feasibility Part 2) • 29:07

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### Revit Tutorials

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# About me: Gavin



Work/live in Sydney, Australia

My company: Crone Architects

BIM Manager (full time)

Architectural background

30 years old, 8 years Revit exp.

2 years Dynamo exp.



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**Thankyou**  
For watching :)

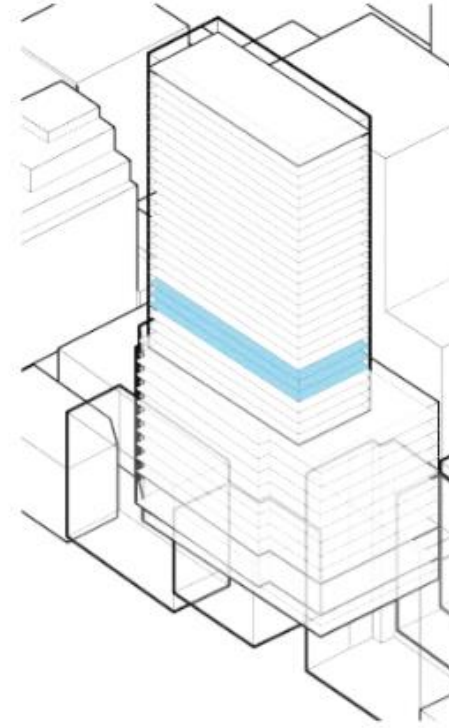


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# Revit Feasibility

## Power BI Reports