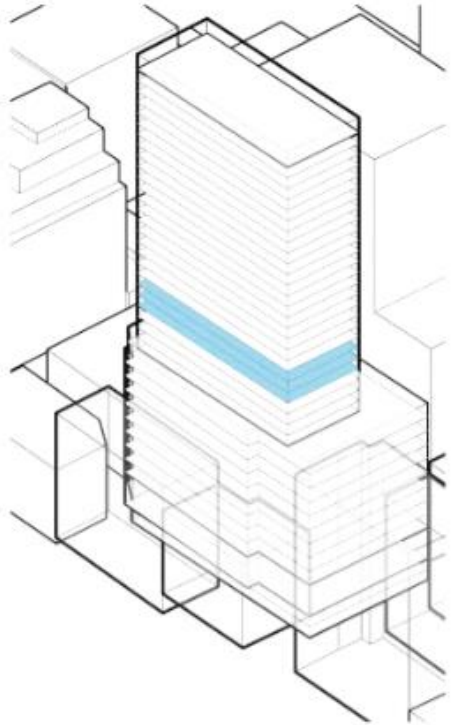

Revit Feasibility

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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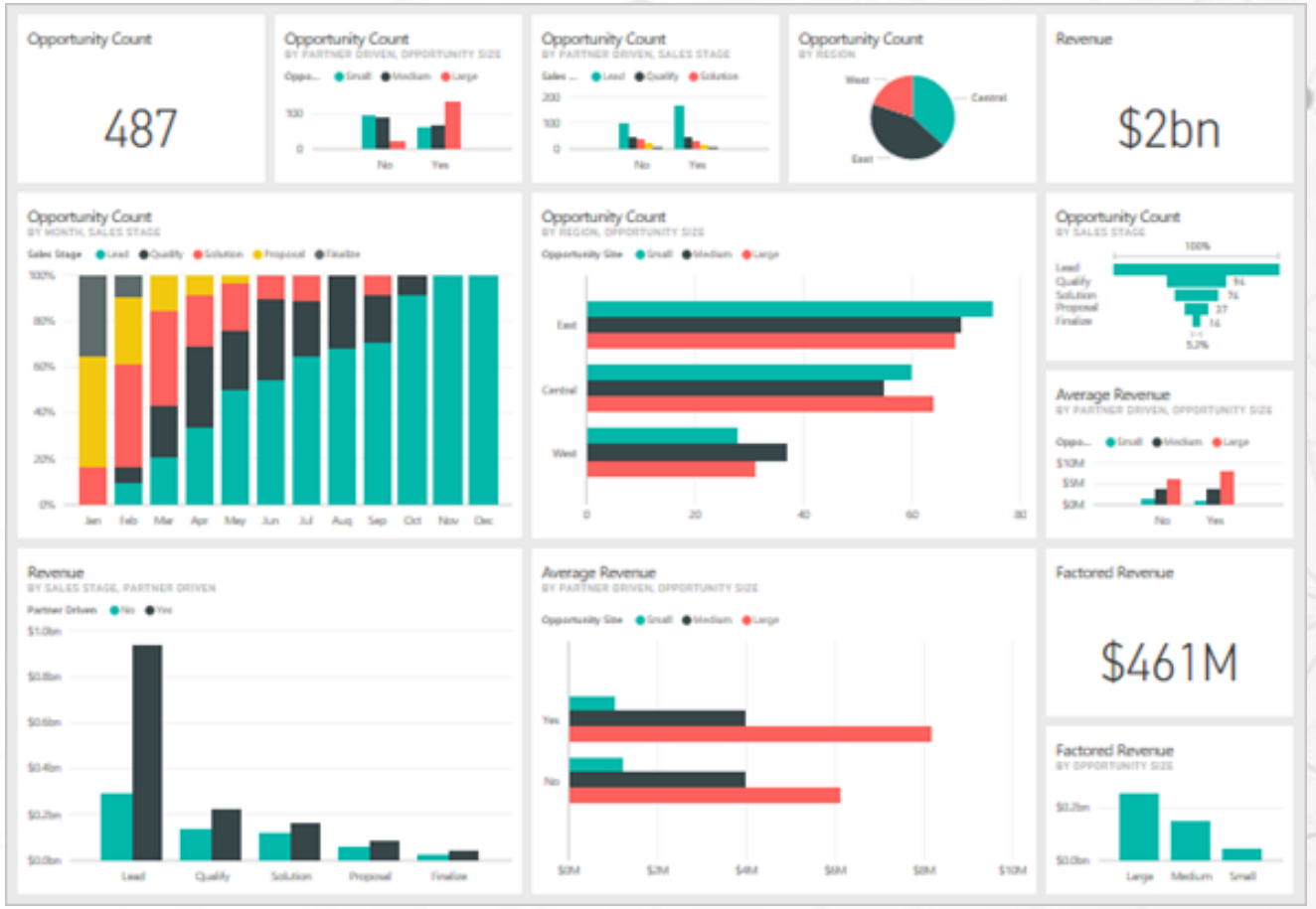
What is Power BI?

Interactive

Data

Visualization



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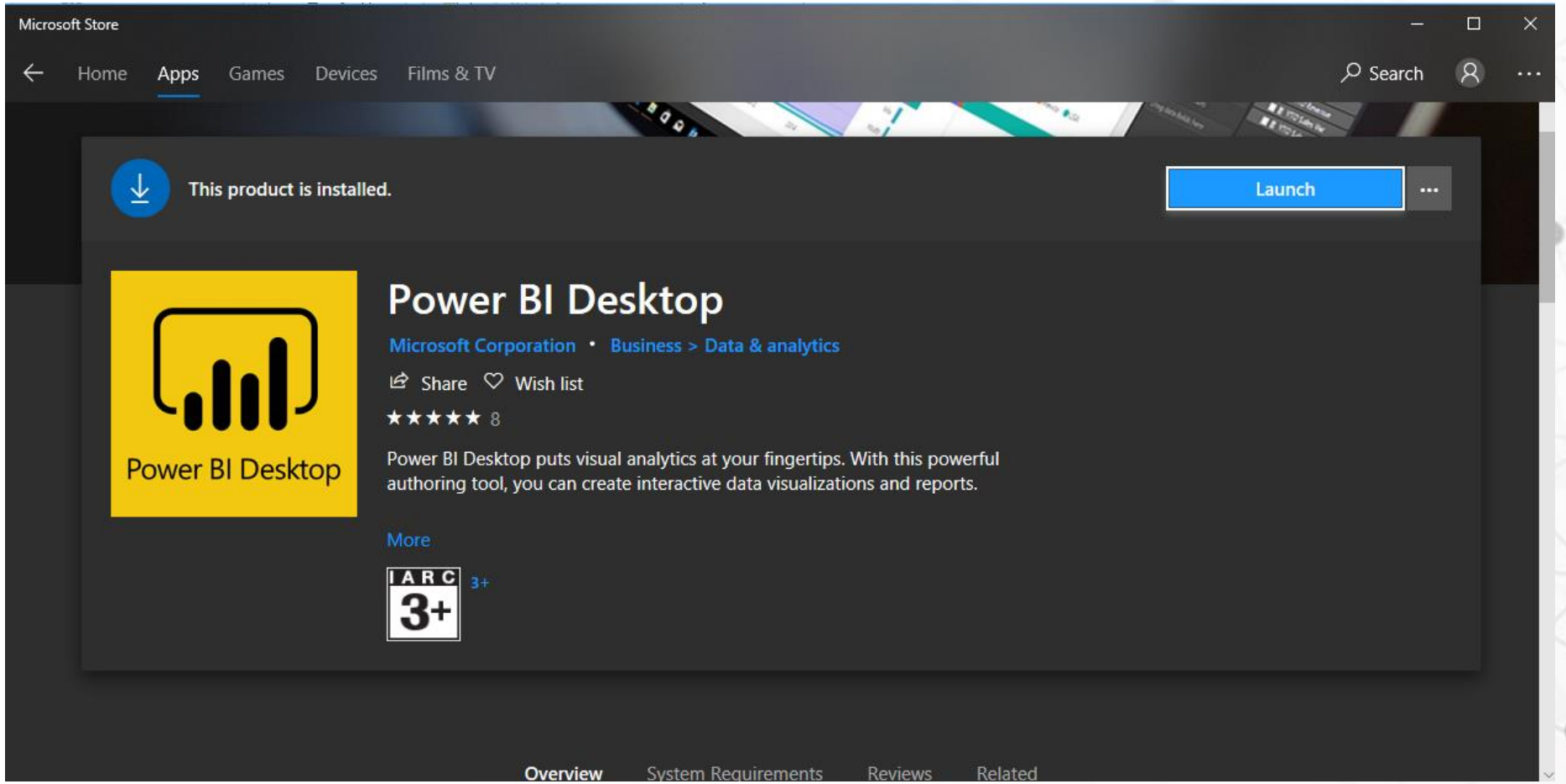
It’s free!!!



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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

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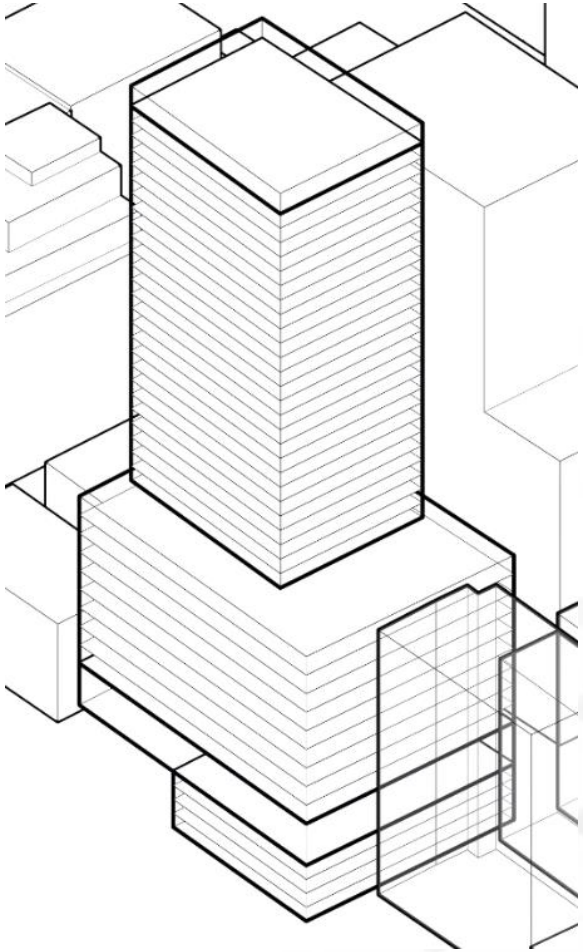

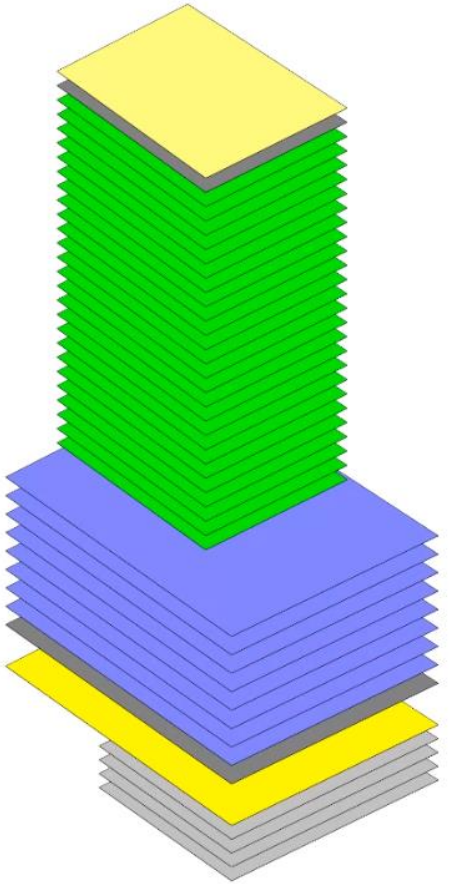

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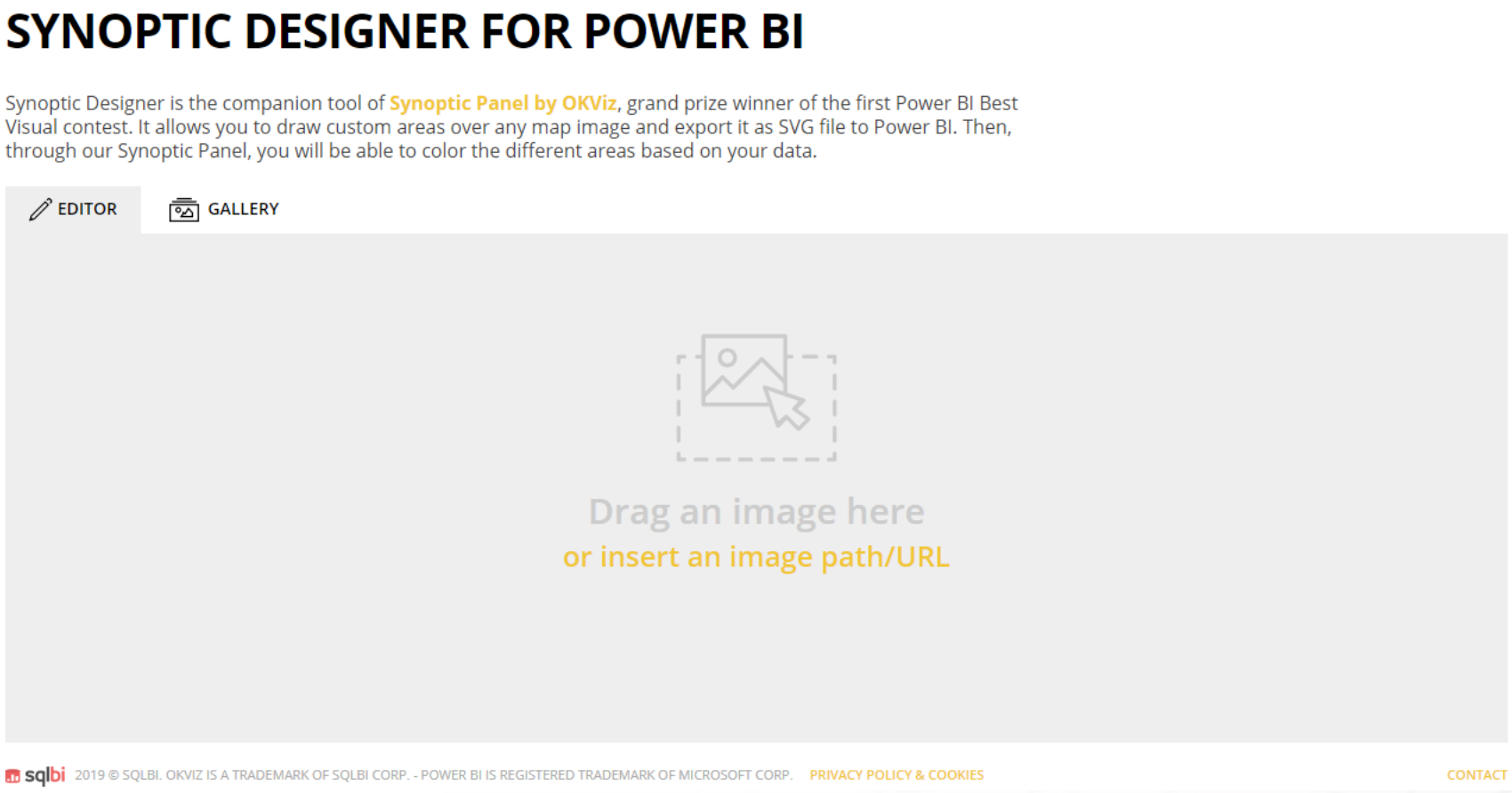
https://synoptic.design/



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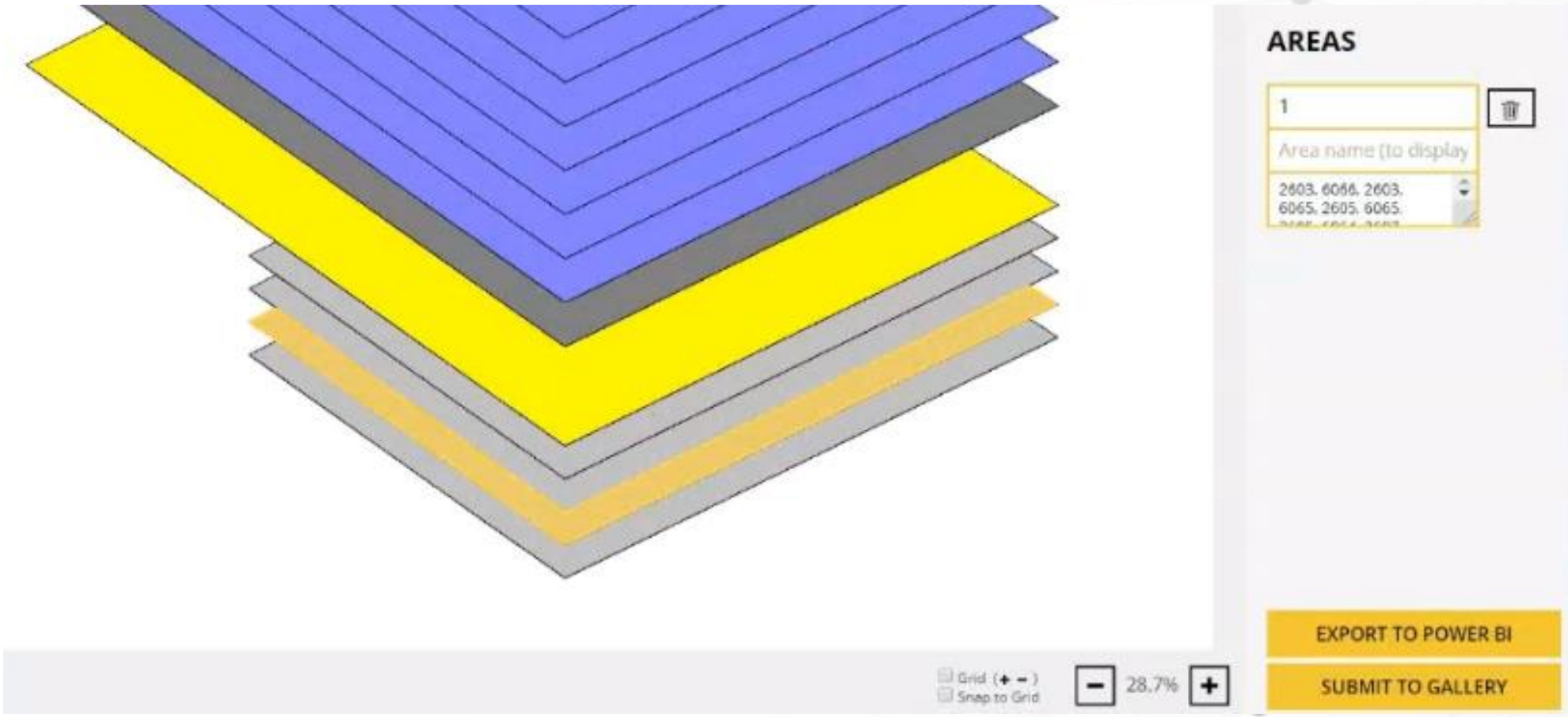

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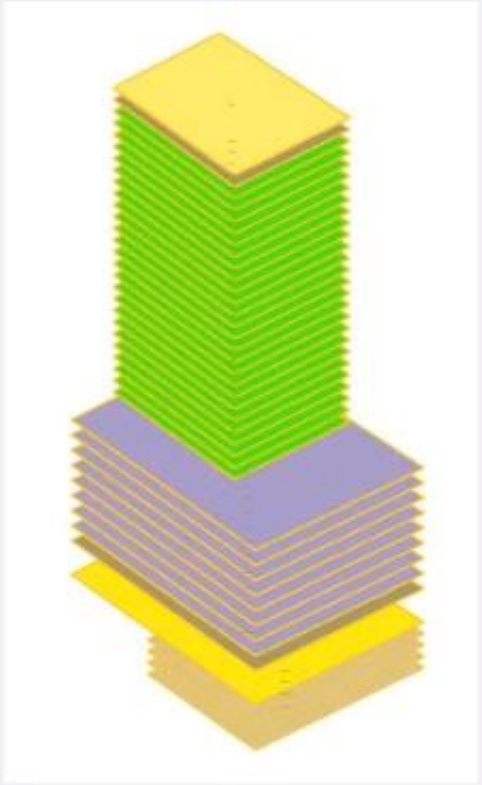

Grid (+ −)
Snap to Grid

− 6.25% +

AREAS

Area name (to display

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

Level 35

Area name (to display

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

Level 36

Area name (to display

2690, 807, 2690, 808,
2691, 808, 2691, 809,

EXPORT TO POWER BI

SUBMIT TO GALLERY

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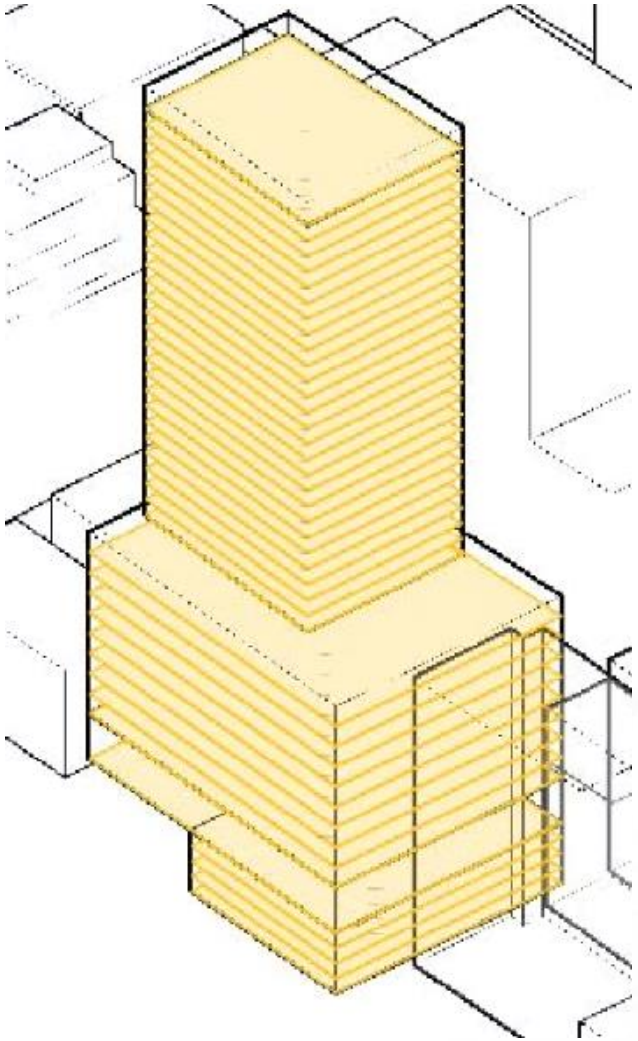

EXPORT TO POWER BI

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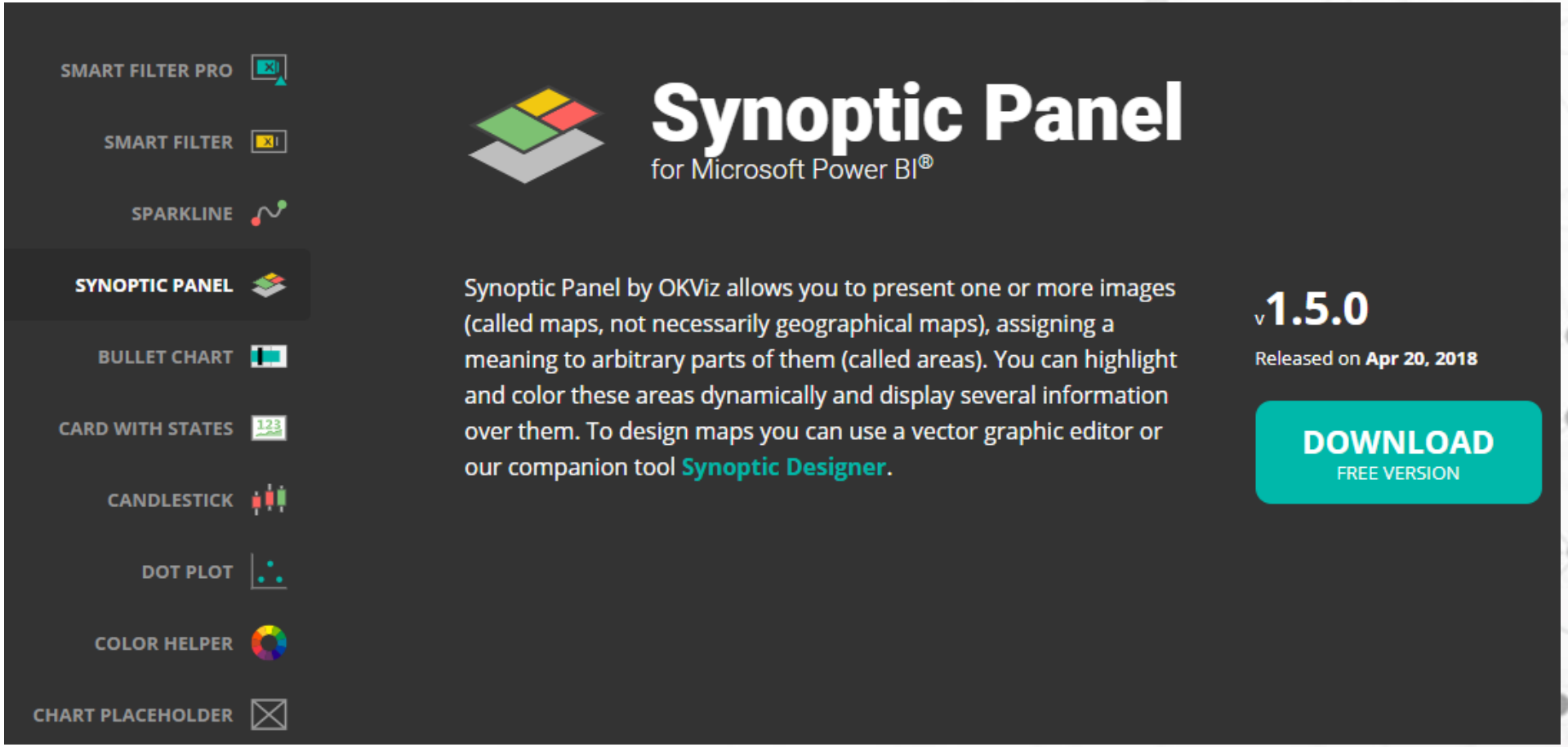
https://okviz.com/synoptic-panel/



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Without further ado…

Let’s get started…

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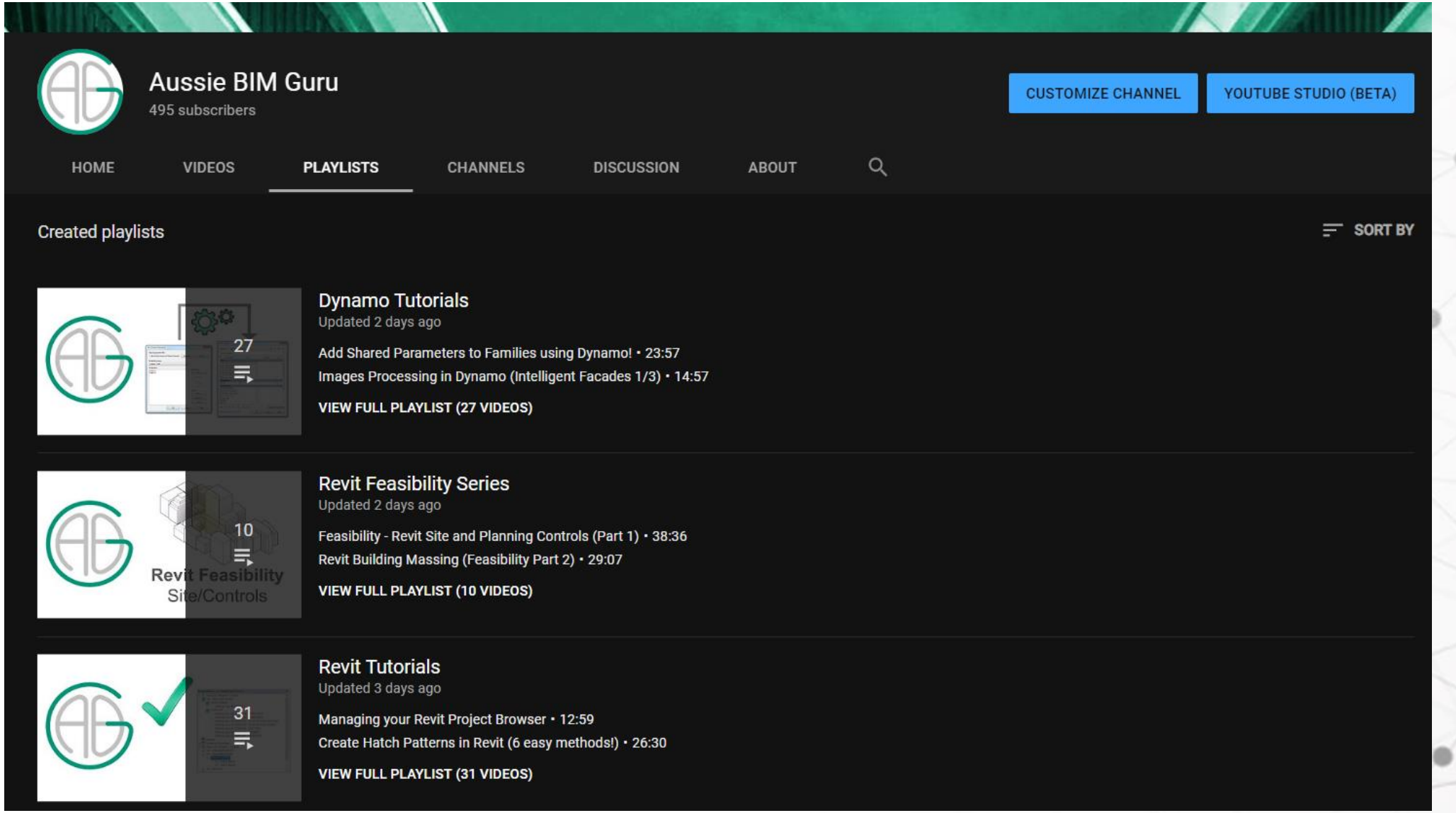

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About me: Gavin

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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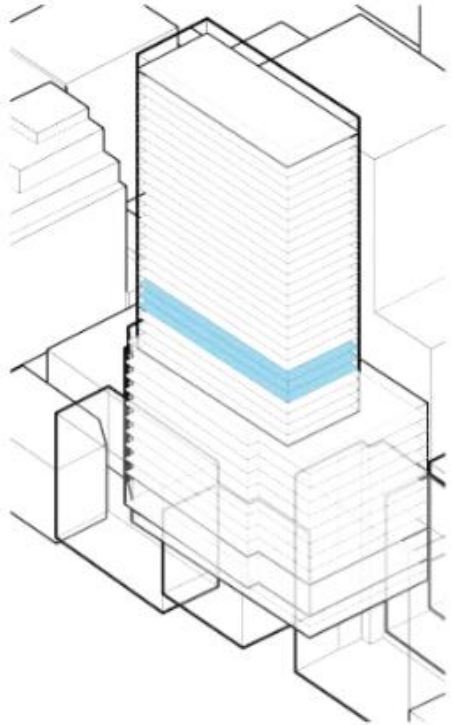

Revit Feasibility

Power BI Reports