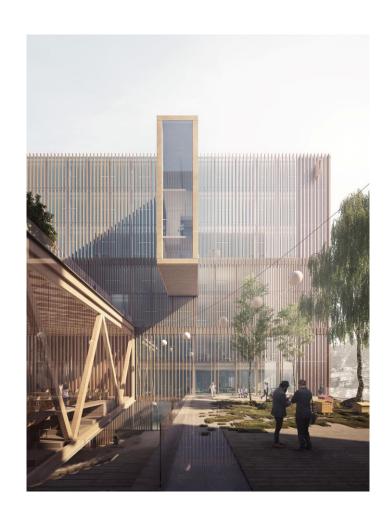
BIM Data Visualization

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About NSW



NSW is an independent architectural firm with offices in Oslo, Hamar and Svolvær.

NSW delivers full services within architecture, planning, urban design and interior design. This covers new projects as well as refurbishment and transformation projects.

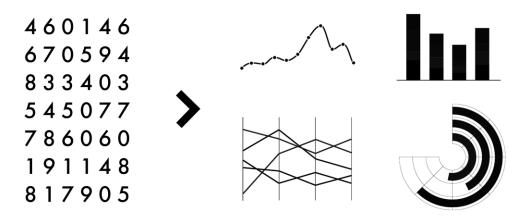
NSW has extensive experience in BIM dating back to 2009.



Data Visualization

A primary goal of data visualization is to communicate data clearly and efficiently via information graphics and plots.

Effective visualization helps users to review and consume large amounts of data.





BIM & Data Visualization



The true power of BIM lives in the "I" (Information) reflecting mountains of data generated at an astonishing rate.

Filtering through it is critical to be able to get new insights.



Types of Data in a Project



Design information & requirements



Project Data



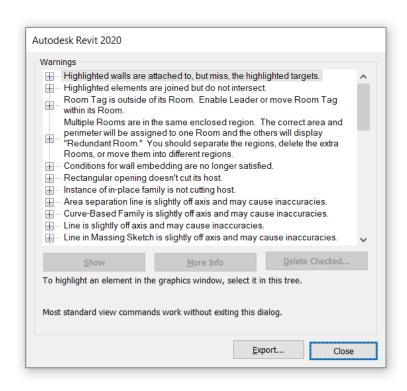
Model Integrity

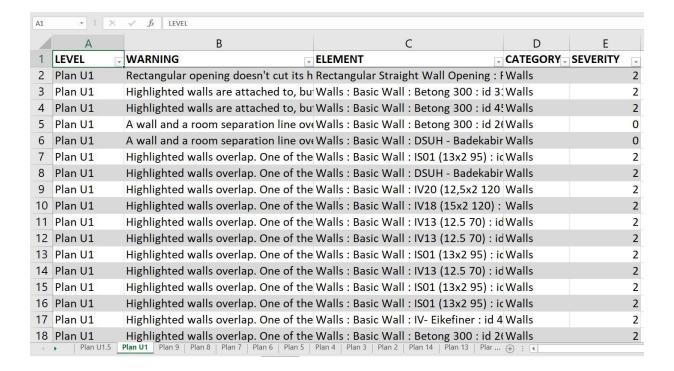


Case study

Model Warnings Dashboard



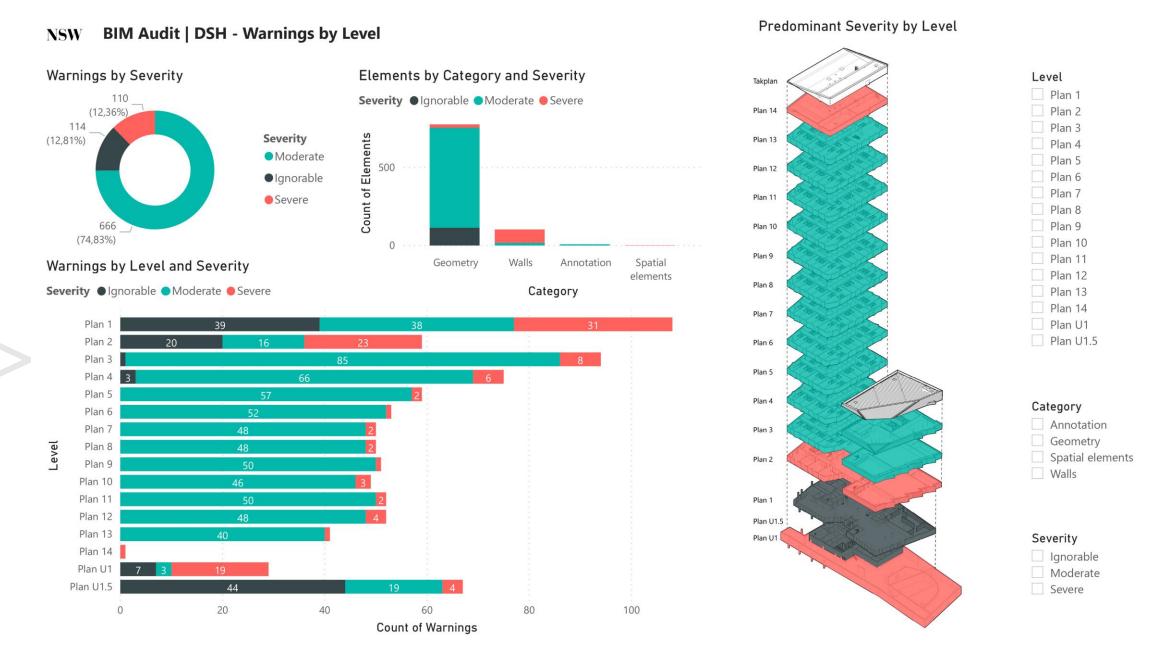




From Raw Data

To Structured Information





To Presented Insights

Overall Workflow



Database

Identify which data to track







Process automation

Use Visual Programming tools to automate data collection



Quality presentation

Use Data Visualization tools to summarize and visualize data for maximum impact



Demo

From Raw Data to Structured Information



Video

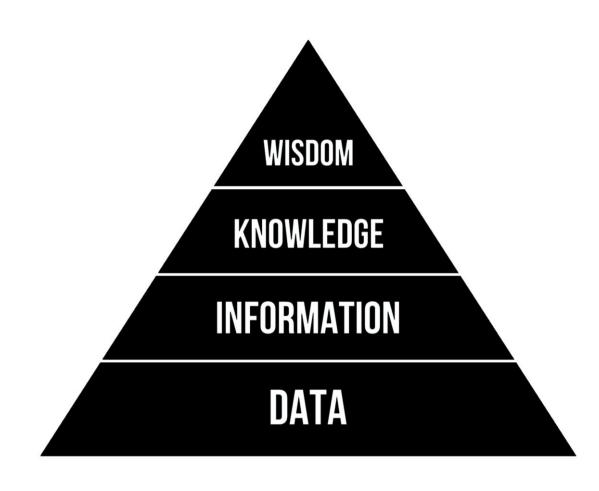
Demo

From Structured Information to Presented Insights



Video

Conclusion



Thank you

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