

data-driven construction.io

mining | visualization | analytics | automation



data-driven
construction.io

DATA > SOFTWARE

The future of construction is **data-centric**





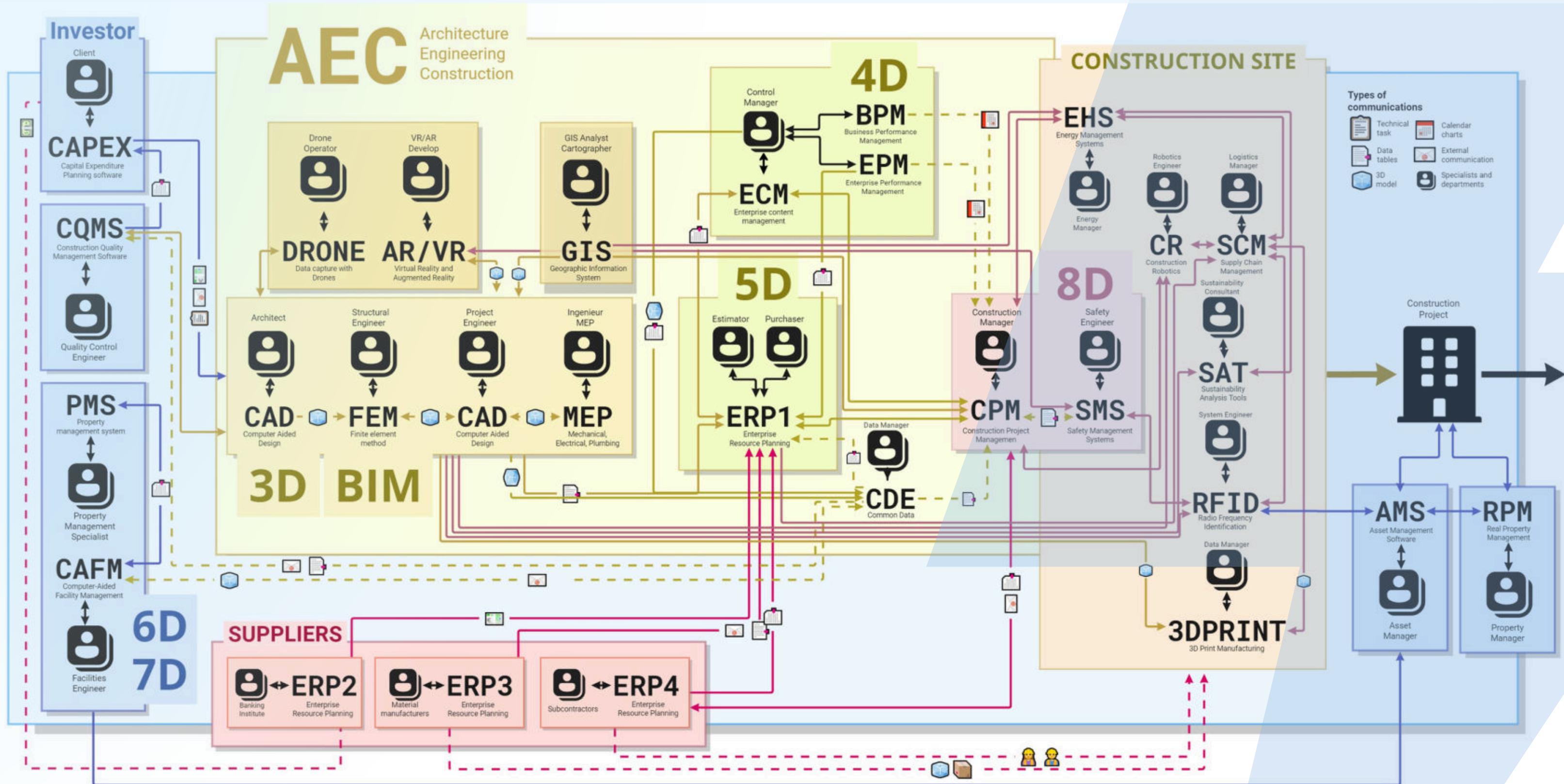
data driven construction.io

DataDrivenConstruction Toolkit is a powerful tool for exploring construction data without the need for an online connection or the installation of CAD (BIM) software. It supports the offline reading of BIM data and allows for the export of data to various formats such as DAE, USD, OBJ, CSV, Excel, JSON, XML, etc.



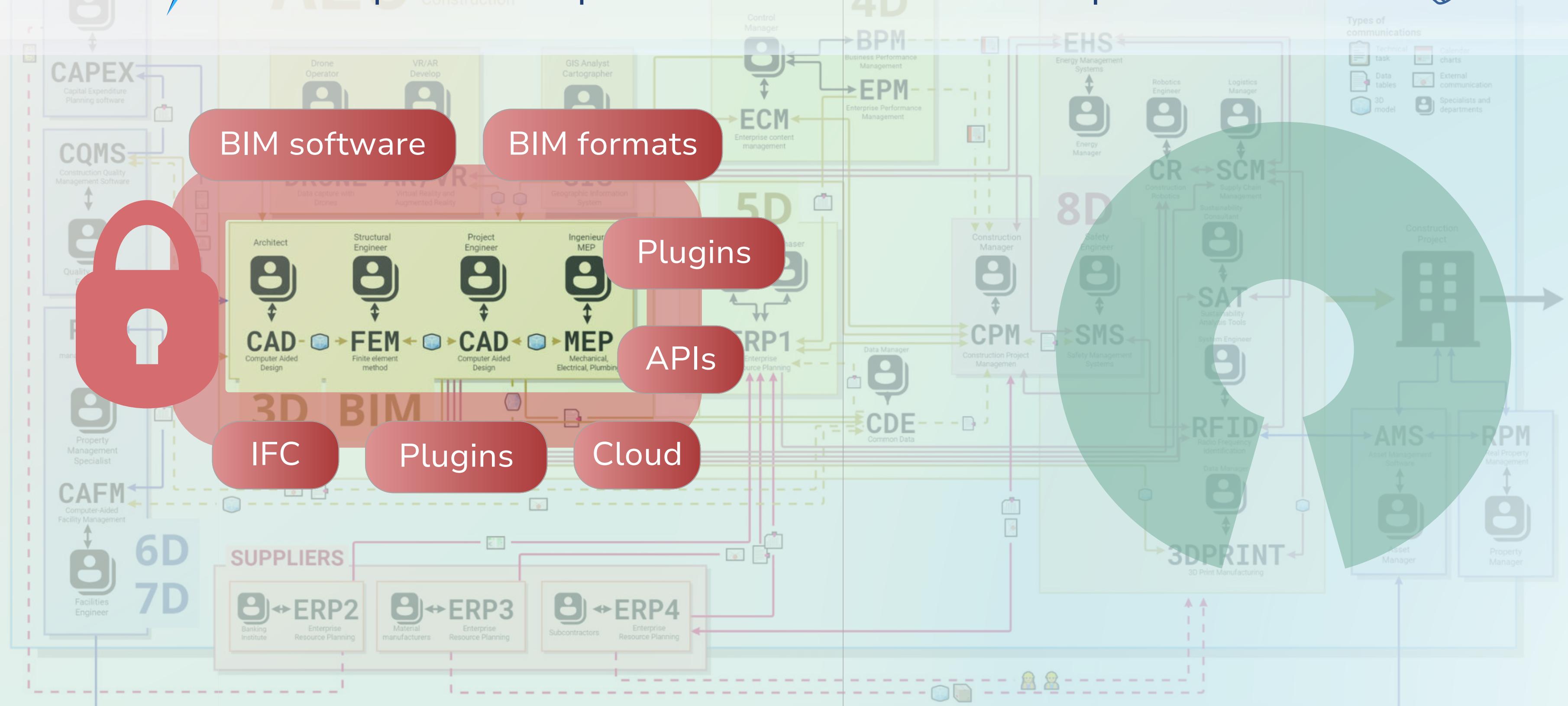
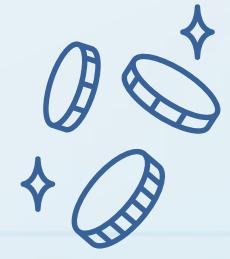


The construction business is filled with a lot of systems and data that need to be connected to each other





Closed and complex CAD (BIM) formats force users to use complex and expensive tools to access and process data



CLOSED DATA



converter
SDK
1996–2018

OPEN DATA



BIM software

BIM formats IFC

Plugins Cloud

Internet APIs

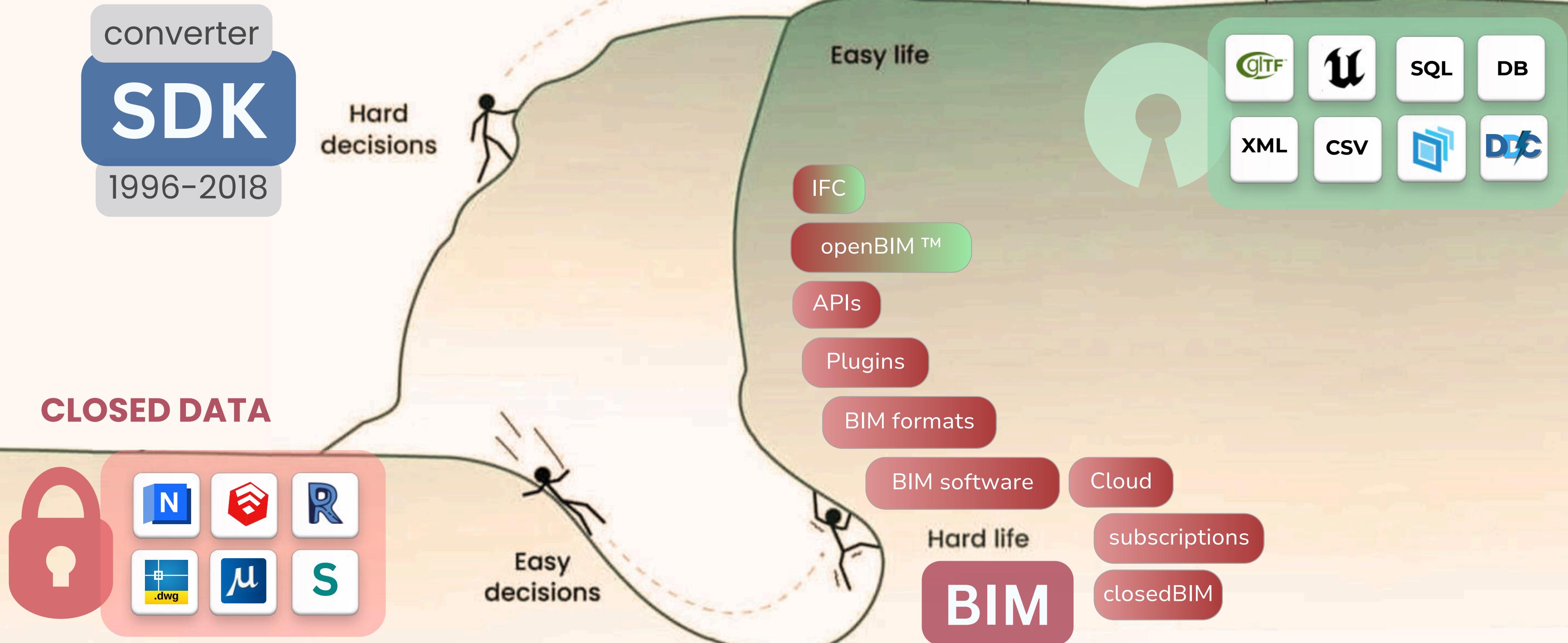
no BIM software

no BIM formats no IFC

no Plugins no Cloud

no Internet no APIs

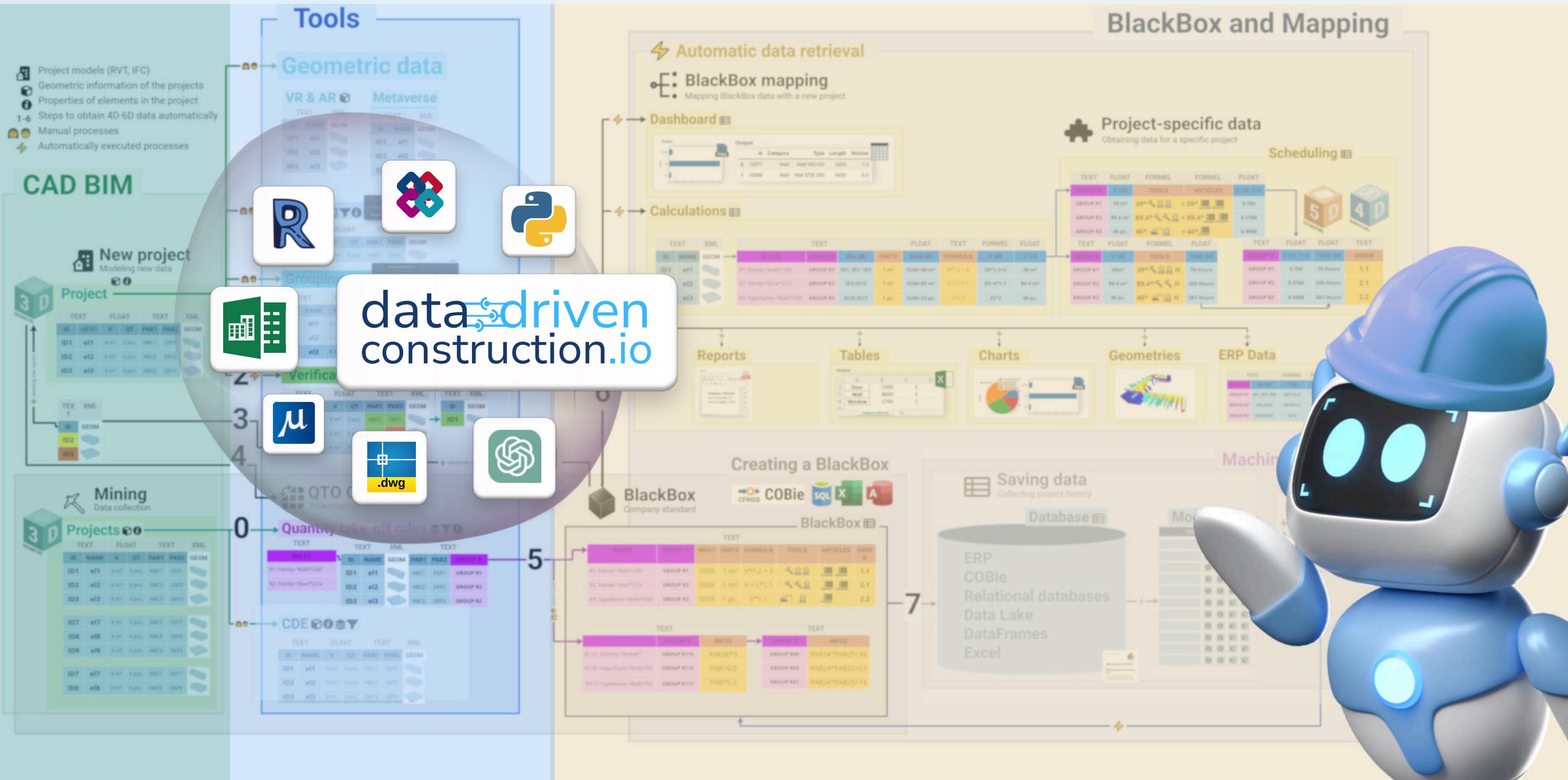
Most major construction and design companies, as well as CAD (BIM) vendors, get open data from CAD (BIM) formats using SDKs, reverse engineering



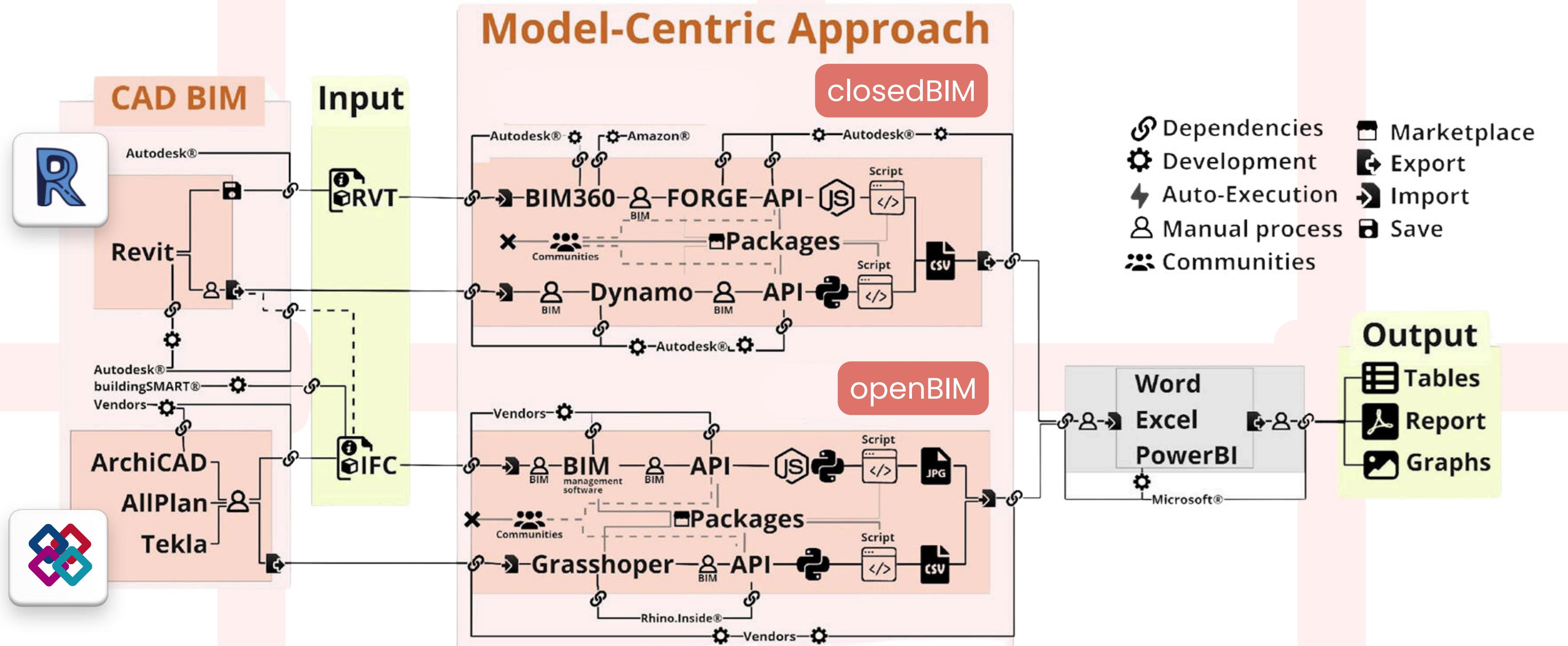
A single CAD (BIM) project

Quality of data

1000000000+ data use cases



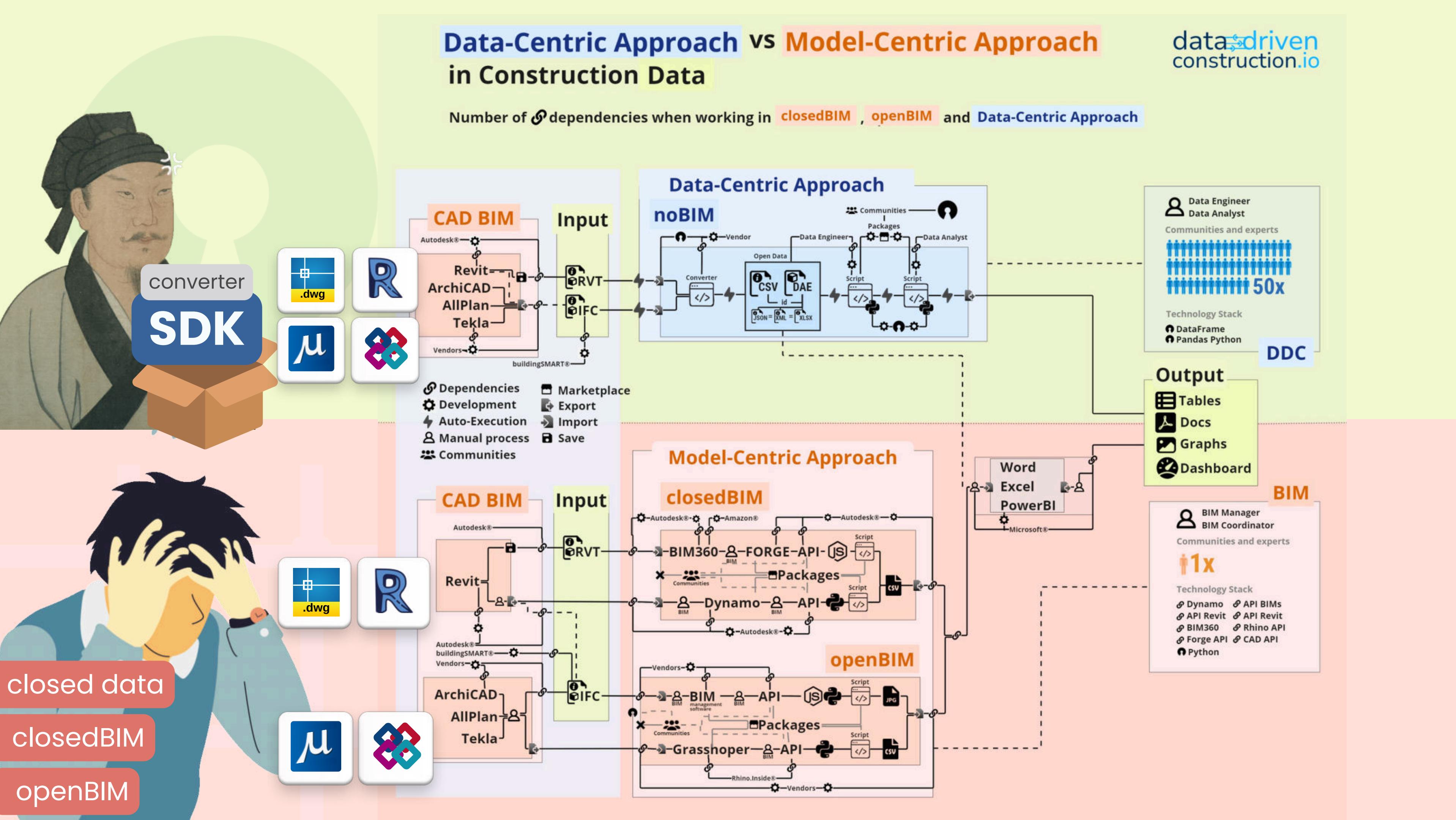
THE LARGE NUMBER OF DEPENDENCIES WITH CLOSED DATA MAKES IT DIFFICULT TO CREATE A SEAMLESS PROCESS

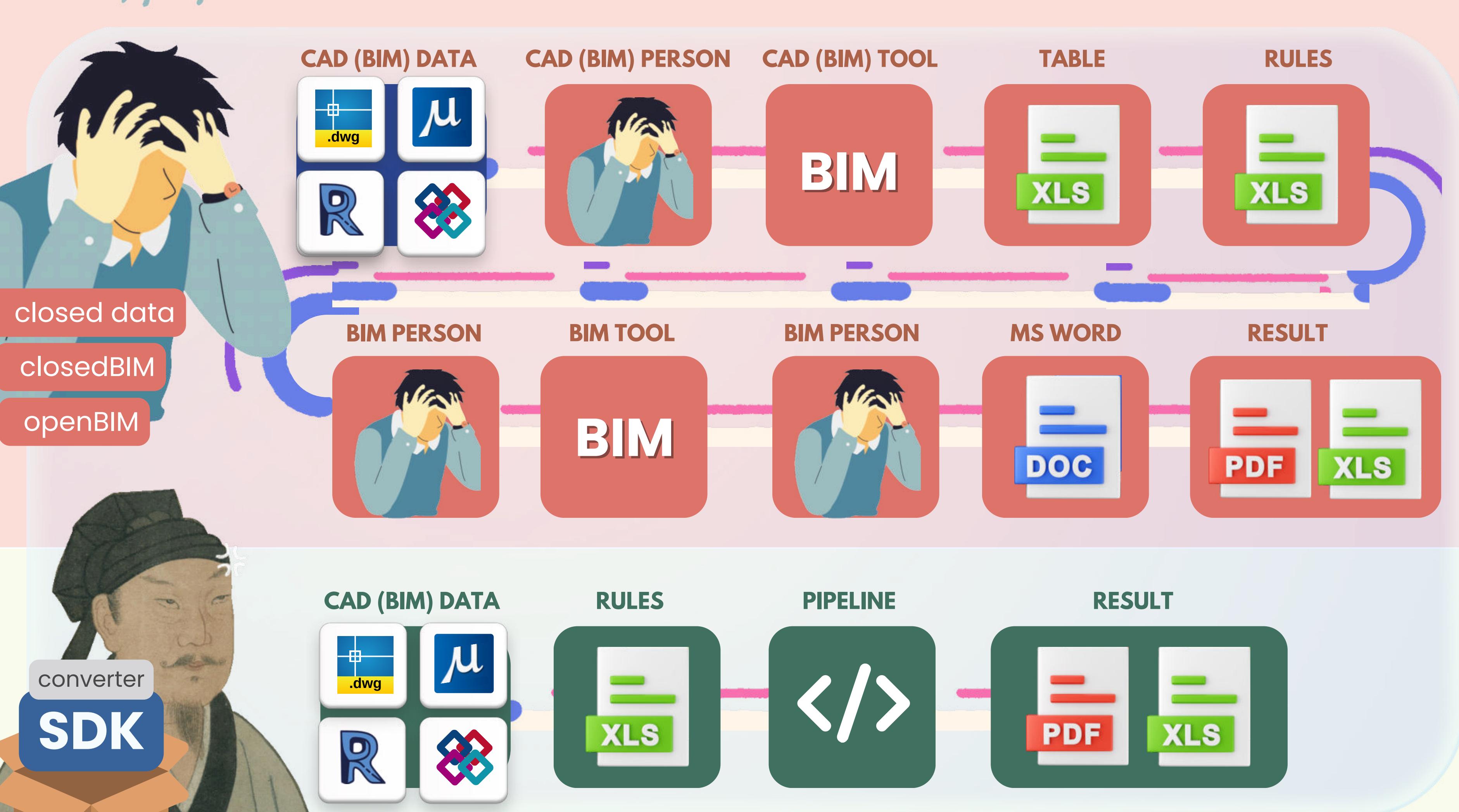


Data-Centric Approach vs Model-Centric Approach in Construction Data

data^{driven}
construction.io

Number of ⚙ dependencies when working in **closedBIM**, **openBIM** and **Data-Centric Approach**



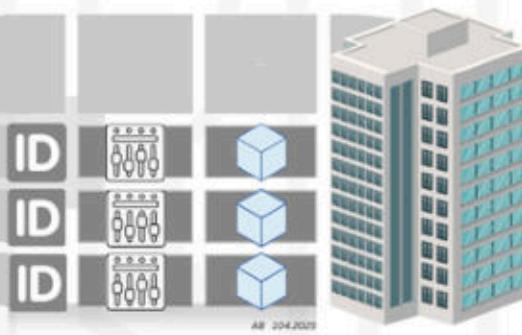


EVOLUTION OF CONSTRUCTION CAD (BIM) DATA STORAGE FORMATS

Disclaimer:
This image includes multiple trademarks and logos owned by third-party companies. These marks are used for illustrative purposes only. The inclusion of any company's name, logo, or trademark in this image does not imply any affiliation with or endorsement by these companies. This image is not used for commercial purposes and is intended solely for personal or educational use. All rights to the respective trademarks and logos belong to their respective owners.

Geometric properties of project entities Attribute properties of project entities

In construction projects, data manipulation begins with the collection of attribute and geometry requirements for project entities. Using parametrized CAD systems, the project is populated with data on the geometric parameters of the entities, which allows to confirm volumes and prepare data to be transferred to systems for handling the attribute parameters of the project entities.



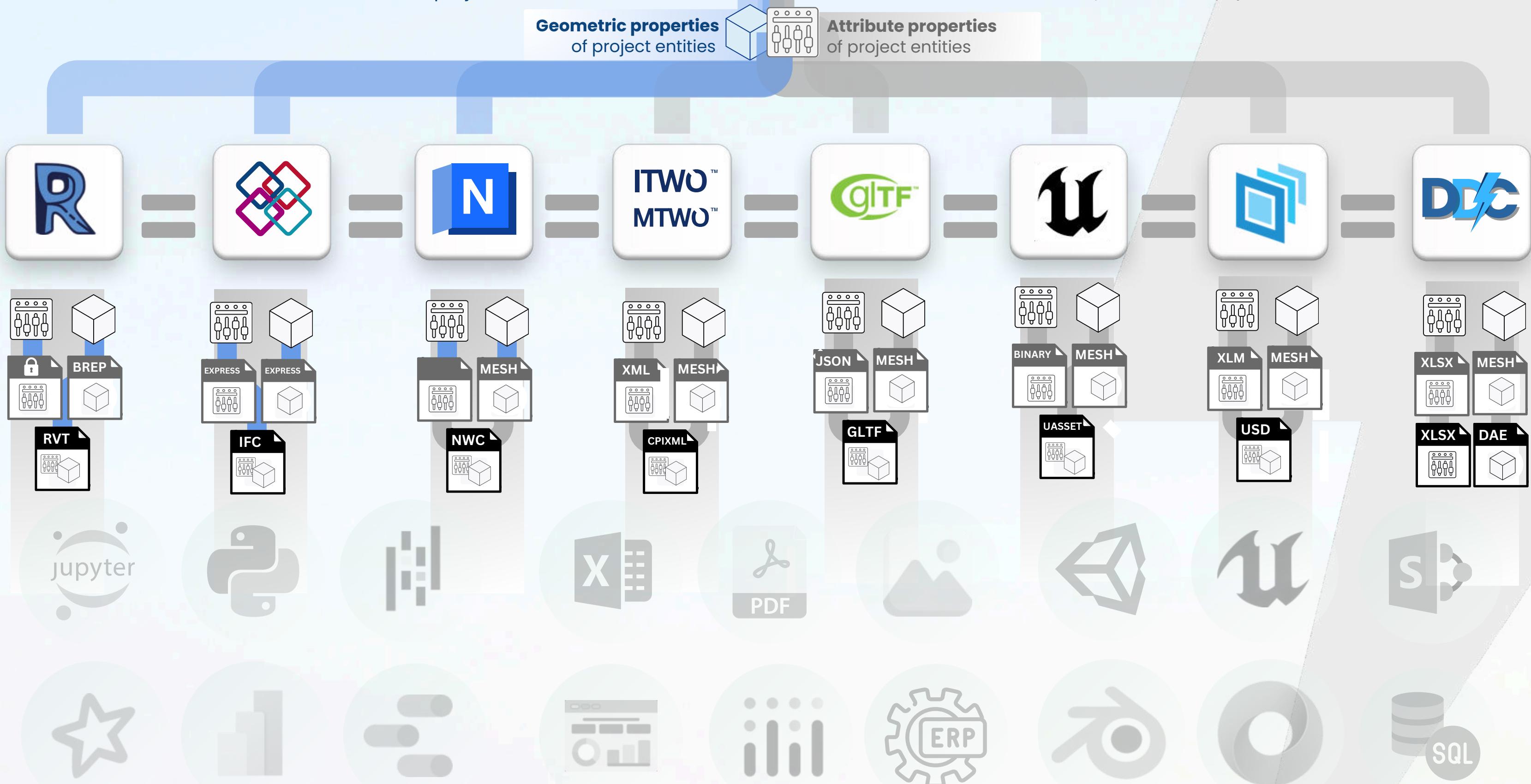
COMPARATIVE ANALYSIS OF FILE FORMATS FOR CONSTRUCTION PROJECTS

	Excel*	AutoCAD*	MicroStation*	Autodesk® DXF	Tekla	Archicad*	IFC	FBX	Navisworks*	SketchUp*	Revit*	BlenderBIM	BIM 360® & ACC	Online CDE	BEXL	SYNCHRO*	DEXML	ITWO® / MTWO®	PRIMAVERA®	ACONEX®	PROCORE®	GLTF	Unreal Engine®	Fbx® & NVIDIA®	DataDrivenConstruction
															<										

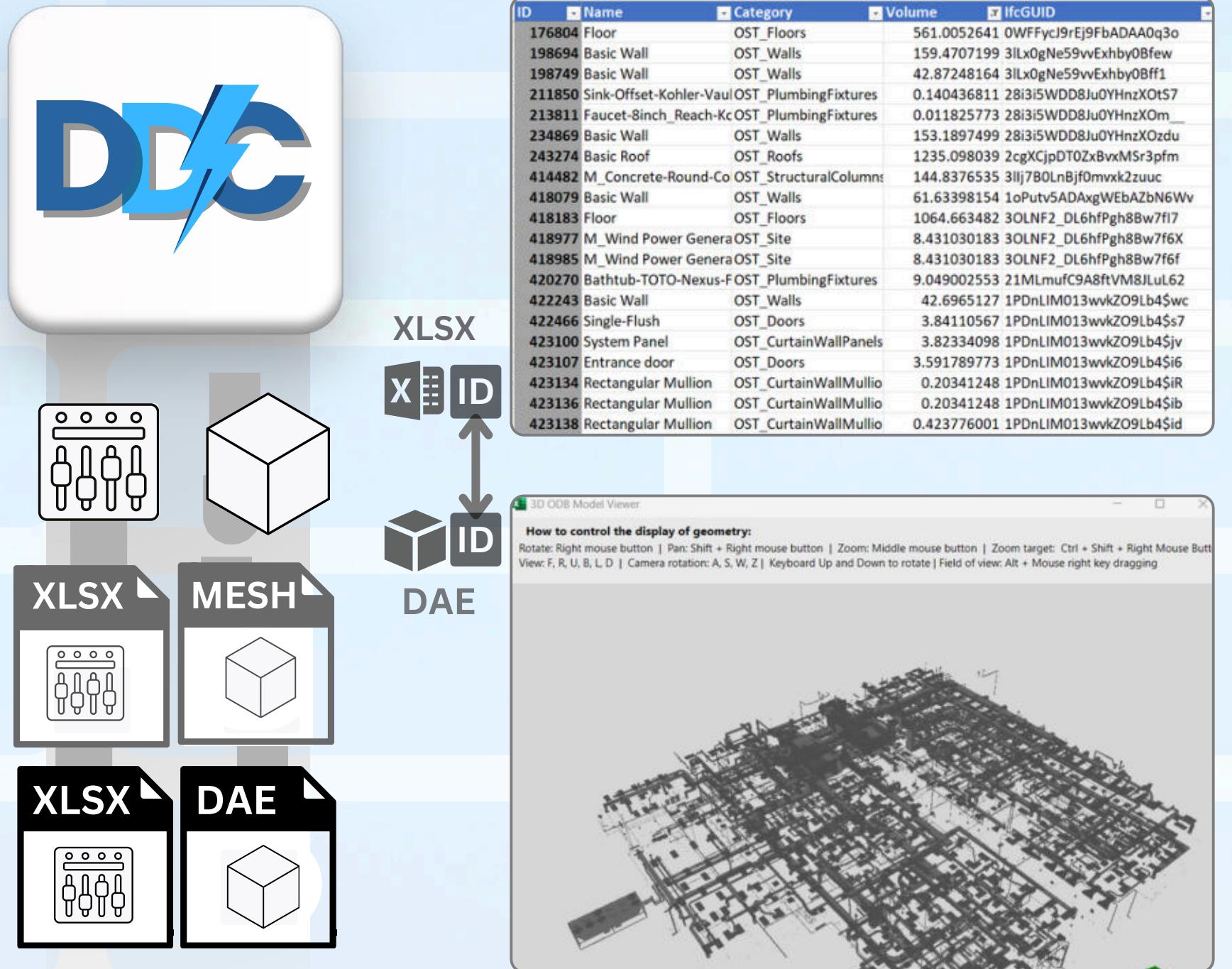
Thanks to SDKs and converters, different formats
including complex closed formats, parametric formats
and simplified flat formats **now contain identical**
information about the same construction project

CAD (BIM) DATA

In construction projects, data manipulation begins with the collection of attribute and geometry requirements for project entities. Using parametrized CAD systems, the project is populated with data on the geometric parameters of the entities, which allows to confirm volumes and prepare data to be transferred to systems for handling the attribute parameters of the project entities.



A project, is a set of elements where **each element has a set of properties** and parameters and where geometry is an optional attribute

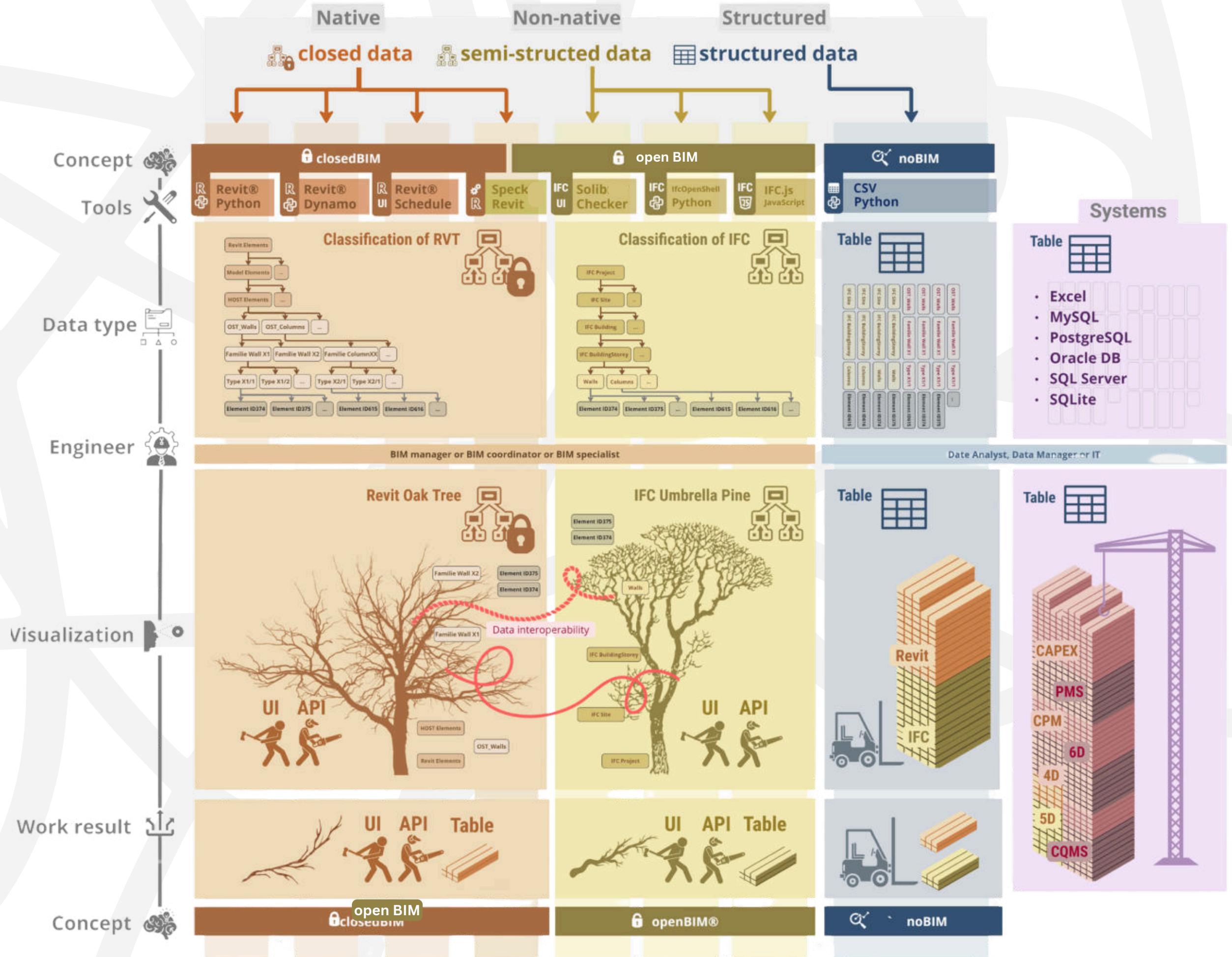


Projects

TEXT	FLOAT	TEXT	XML			
ID	NAME	V	QT	PAR1	PAR2	GEOM
ID1	el1	X m ³	X pcs.	ABC1	DEF1	
ID2	el2	X m ³	X pcs.	ABC2	DEF2	
ID3	el3	X m ³	X pcs.	ABC3	DEF3	
ID7	el7	X m ³	X pcs.	ABC7	DEF7	
ID8	el8	X m ³	X pcs.	ABC8	DEF8	
ID9	el9	X m ³	X pcs.	ABC9	DEF9	

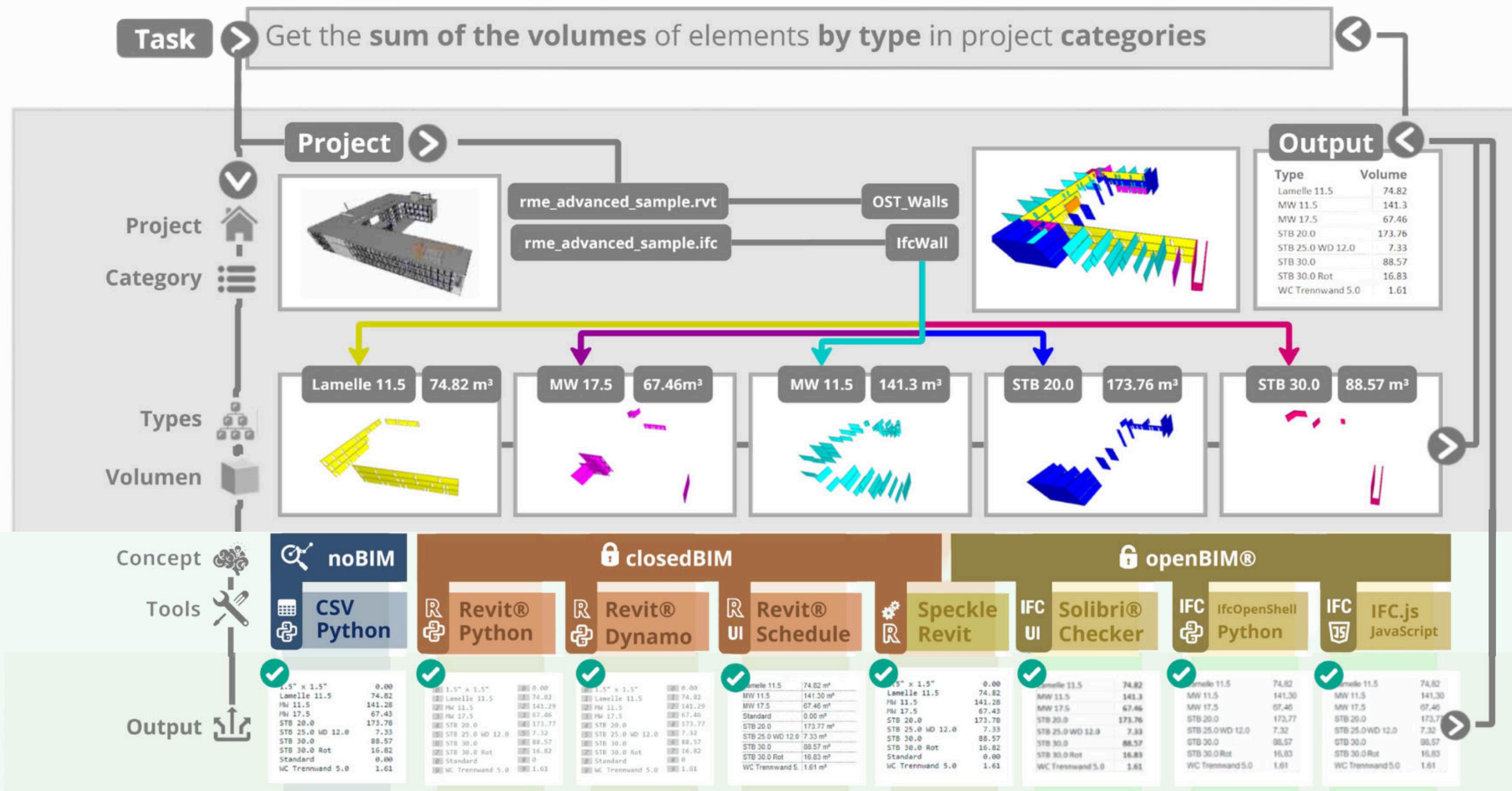
Complex
structured
formats in **semi-**
structured form
make it difficult
to access
element
properties

data  construction.io



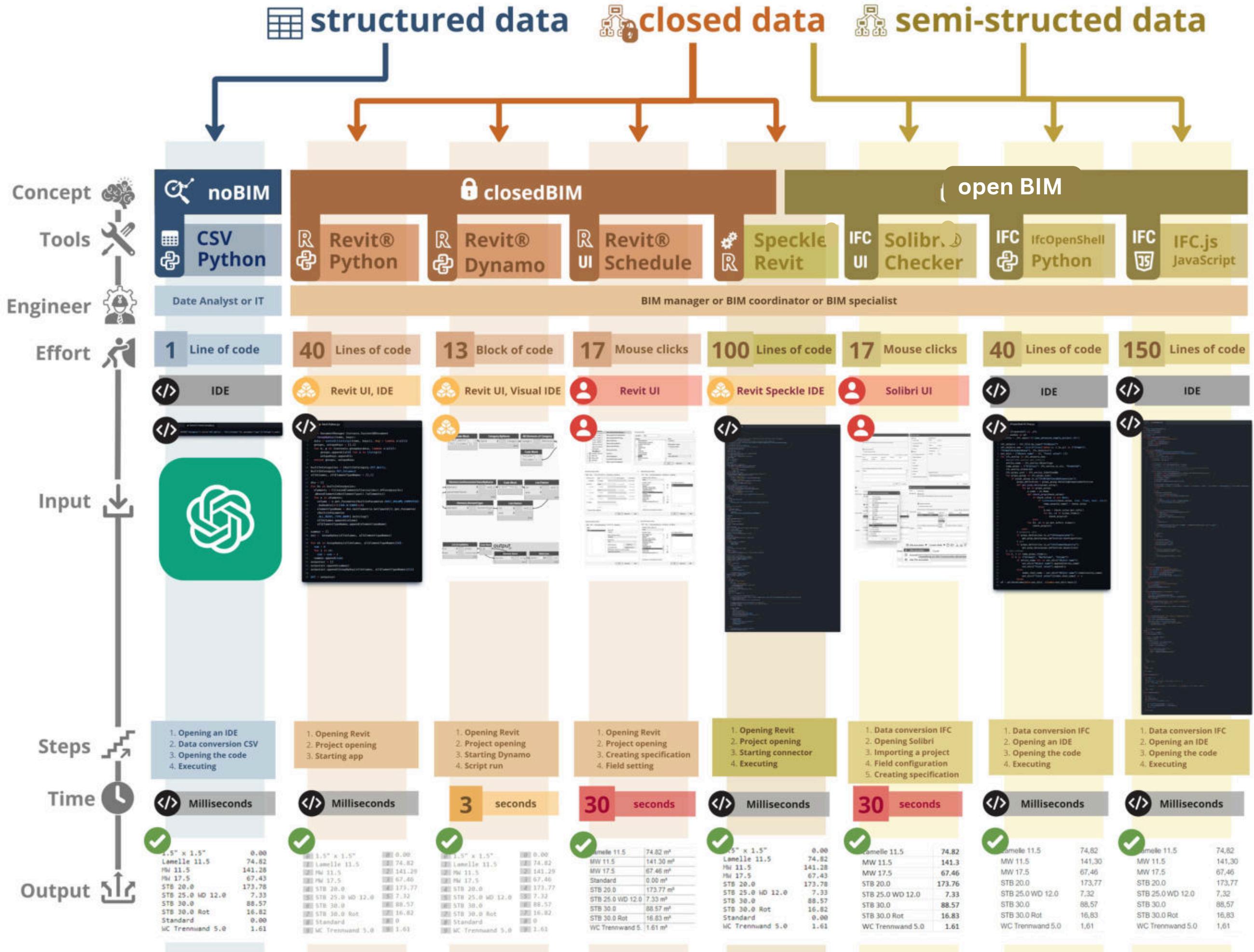
GET DATA FROM A MODEL

The popular case study "Quantitative Takeoff"

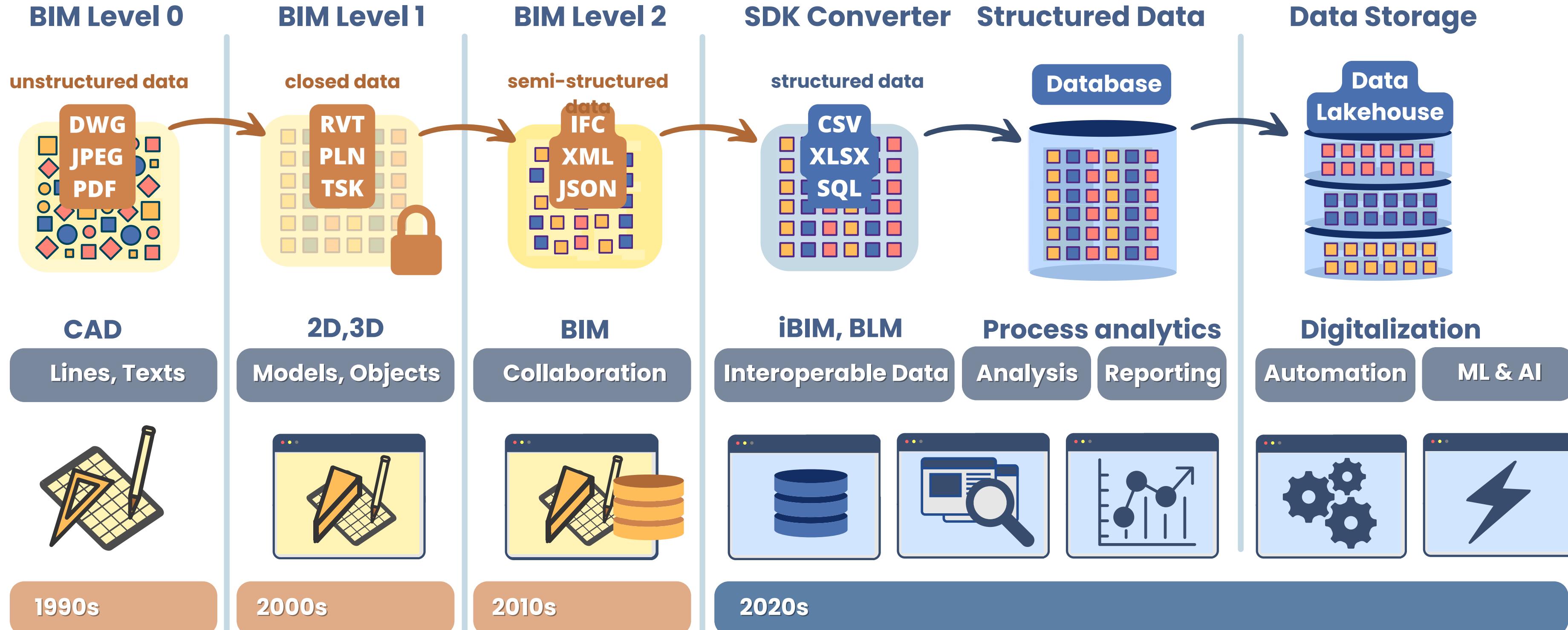


Structured data leads the way: simpler, faster, more efficient

data-drivenconstruction.io



CAD (BIM) Maturity Levels: From Stage 0 to Structured Data

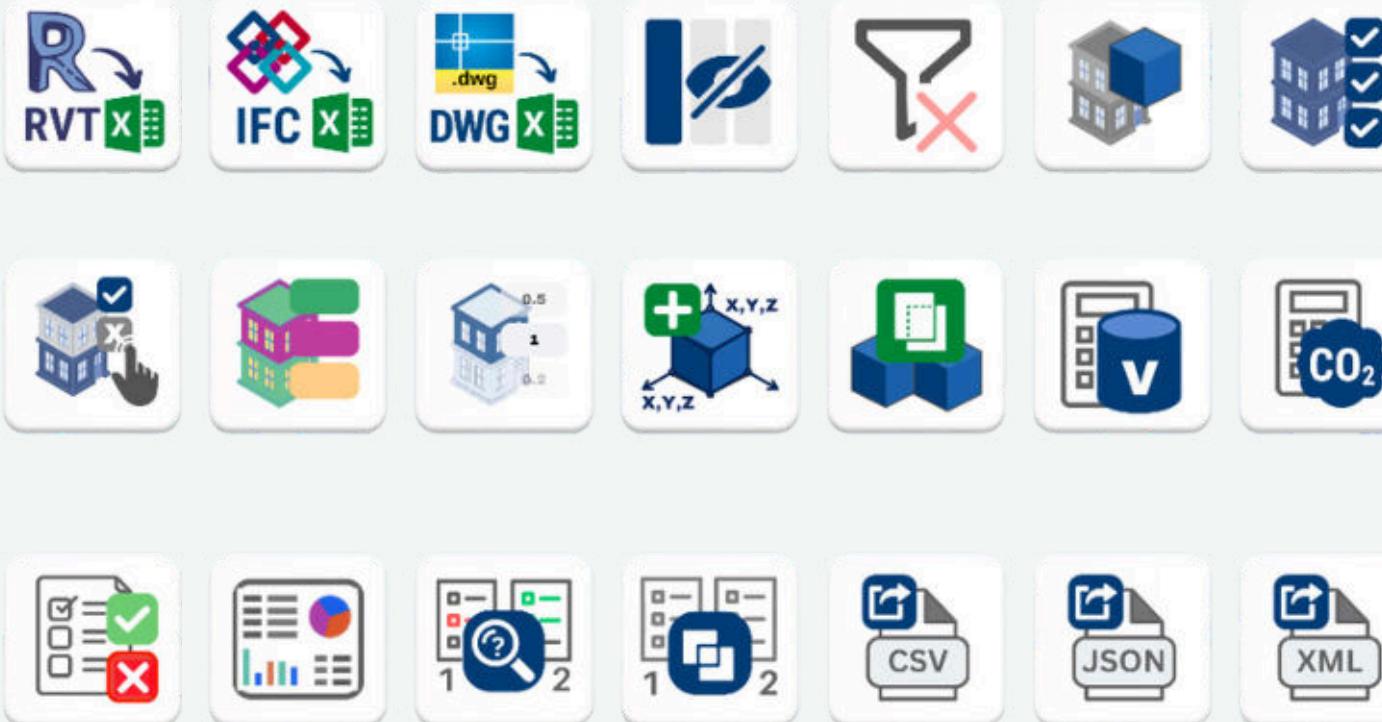




excel



plugin

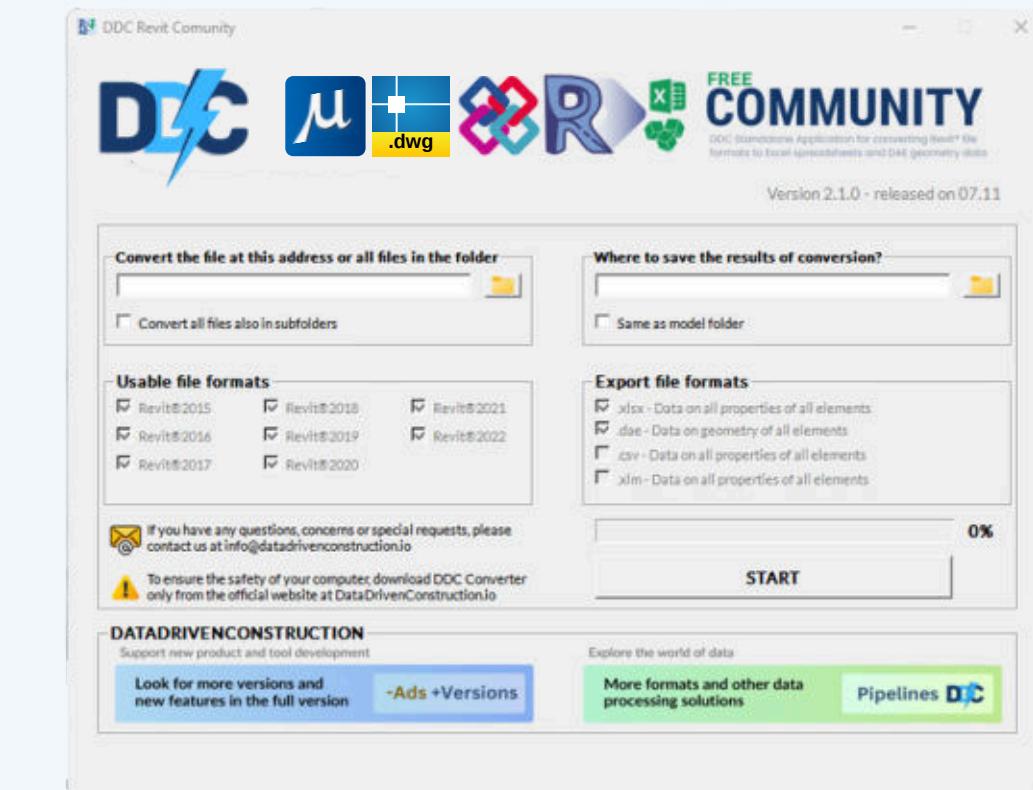


data-driven construction.io



converters

converter with UI



terminal version

Input

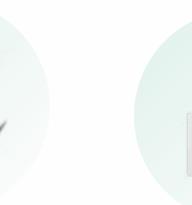
```
# Bar plot can be created as follows
df = df.groupby('Category')['Volume'].sum()
df.plot(kind='barh')
```

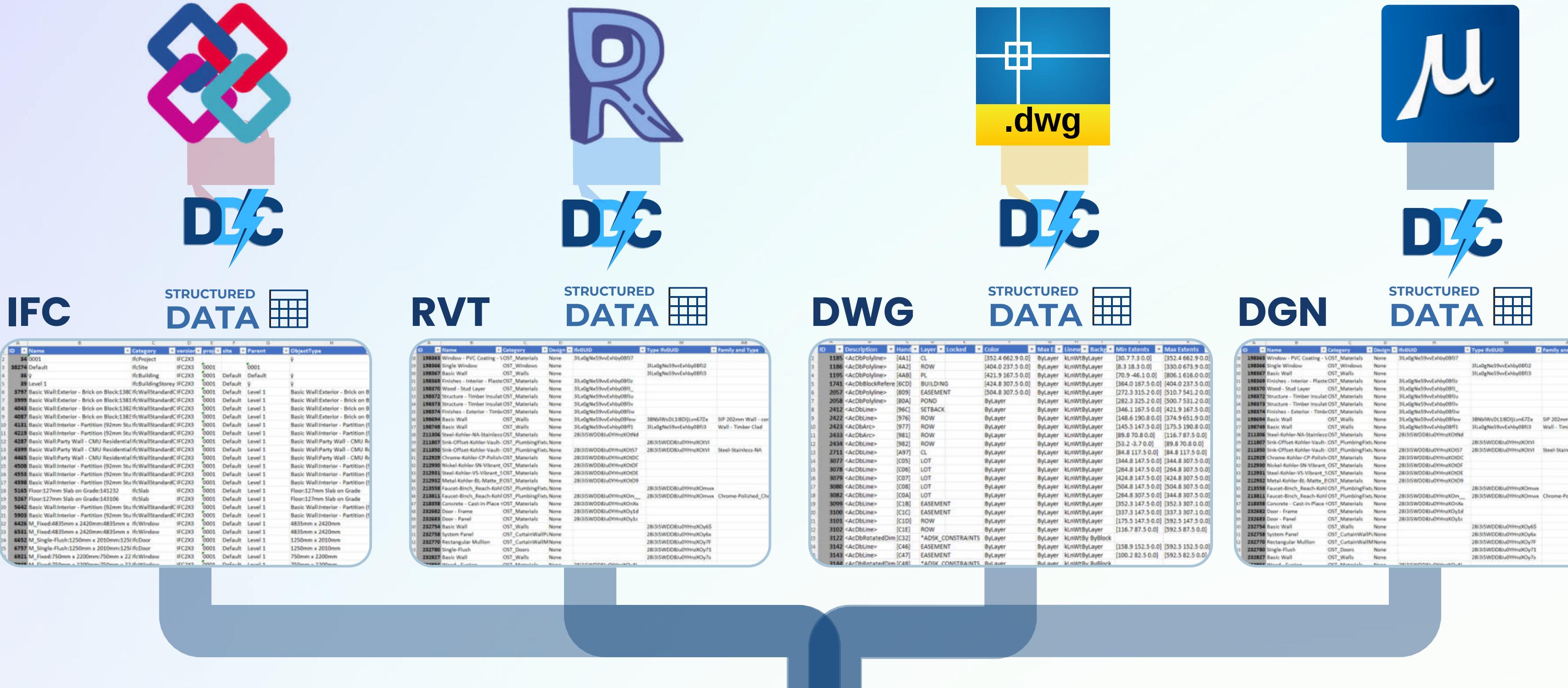
Output

	Id	Category	Type	Length	Volume
0	12577	Wall	Wall WD100	3200	1.0
1	15889	Wall	Wall STB 200	5400	6.0
3	74456	Window	Window 1700w	1700	0.5

Input

```
# Whether each element contains the values
df[df['Category'].isin(['Wall', 'Window'])]
```





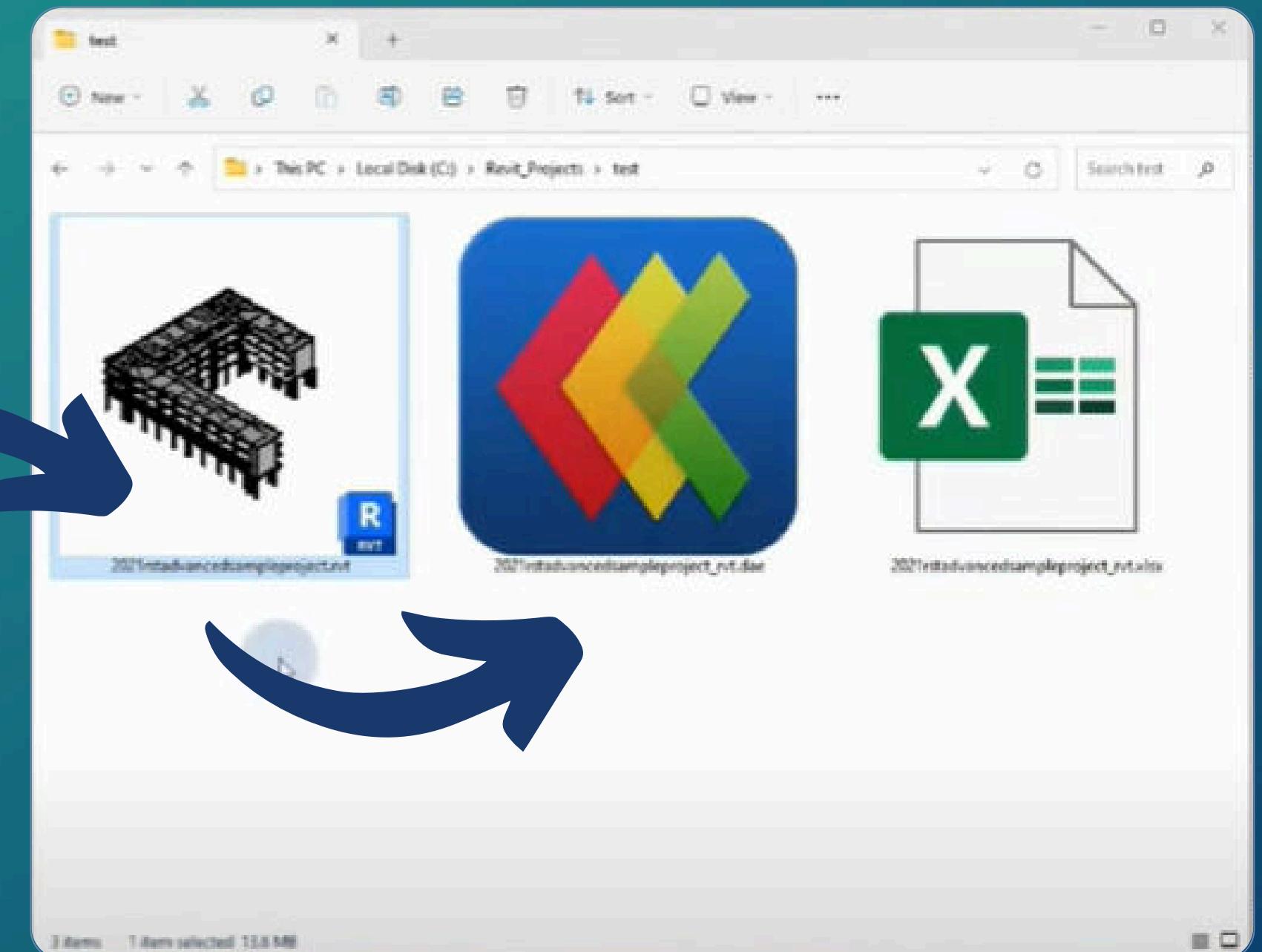
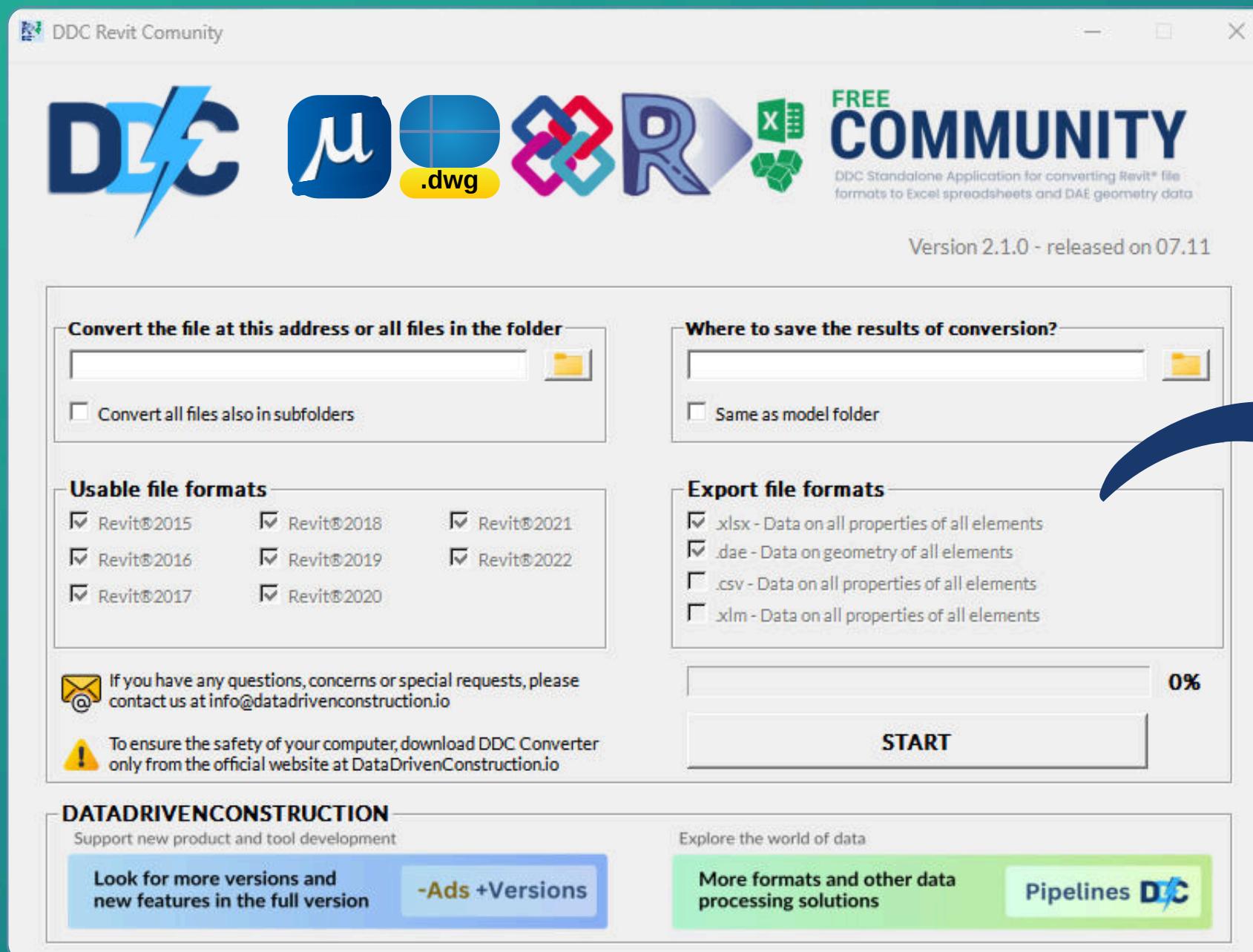
STRUCTURED DATA

Unnamed: 0	Unnamed: 0.1	Filename	IfcEntity	UniqueID	IFC version	GlobalID	OwnerHistory	ObjectPlacement	Representation	...	cplFitMatchKey	Product code	ISOCD3766ShapeCode	ISOCD3766ShapeParameter_b
0	0	1000	beams_ifc	OdIfc4::IfcBeamStandardCase	1000.0	IFC4	0uf4qyggS8rxA20Qwnsj	0.0	1001.0	1010.0	...	NaN	NaN	NaN
1	1	1100	beams_ifc	OdIfc4::IfcBeamStandardCase	1100.0	IFC4	0uf4qyggS8rxA20sznsj	0.0	1101.0	1110.0	...	NaN	NaN	NaN
2	2	1200	beams_ifc	OdIfc4::IfcBeamStandardCase	1200.0	IFC4	0uf4qyggS8sA20sznsj	0.0	1201.0	1210.0	...	NaN	NaN	NaN
3	3	1300	beams_ifc	OdIfc4::IfcBeamStandardCase	1300.0	IFC4	0uf4qyggS8sA20sznw6	0.0	1301.0	1310.0	...	NaN	NaN	NaN



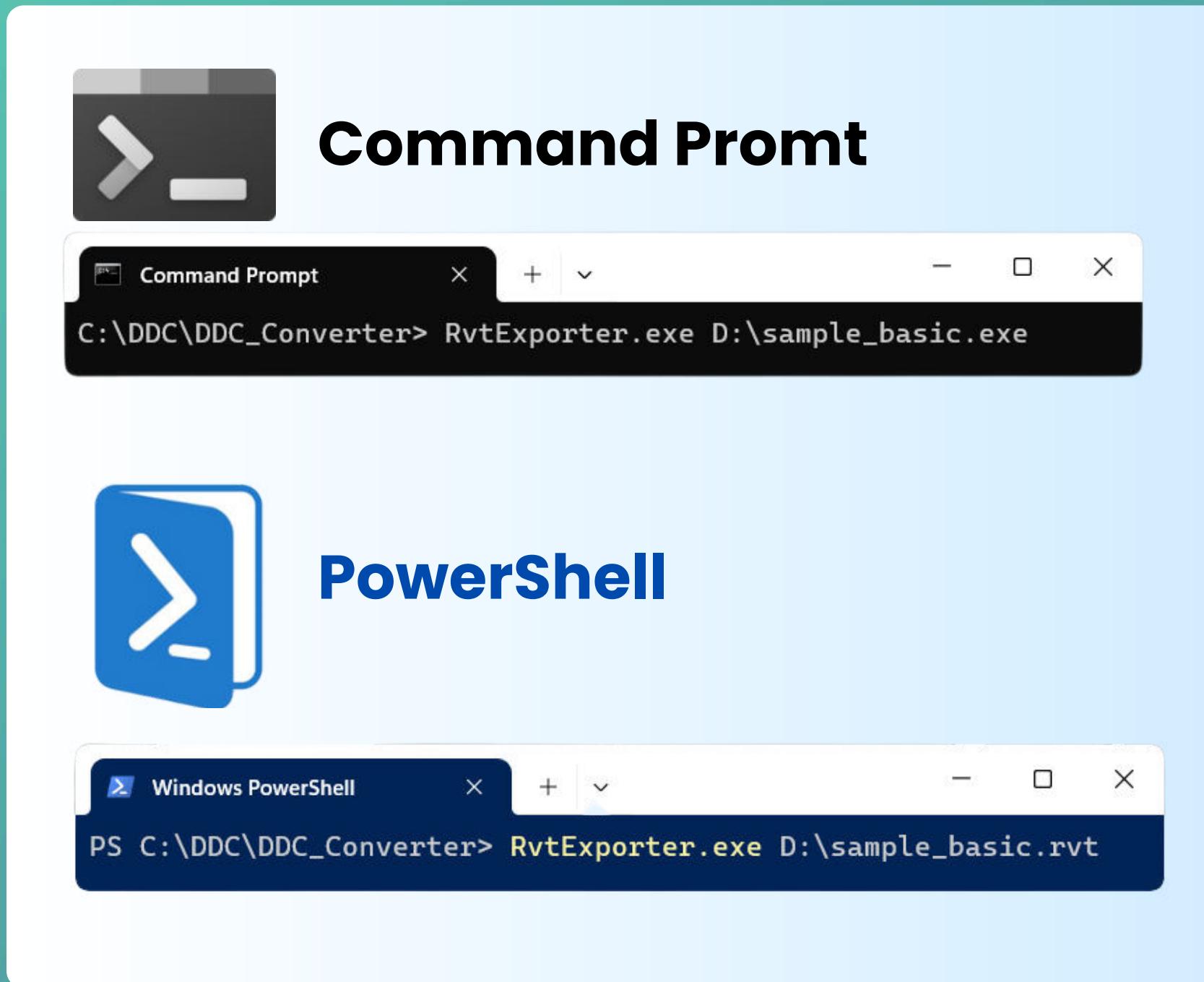
Converter with UI

Conversion from CAD (BIM) formats in two clicks



Converter

terminal version



Hundreds of applications allow you to embed the conversion process into your use cases



From multi-format CAD (BIM) data into a structured format 😊

```
... RVT | IFC | DWG conversion.py  
1 import os, subprocess  
2  
3 # Folder where the DDC converter is located  
4 path_conv = r'C:\DDC_Revit_Community\datadrivenlibs\\'  
5 # Path address RVT | IFC | DWG project are located  
6 file_path = r'C:\DDC\rstadvanced_sample.rvt'  
7  
8 # Conversion of one RVT project  
9 process = subprocess.Popen([os.path.join(path_conv,  
10 'RvtExporter.exe'), file_path], cwd=path_conv)  
11  
12 print("DDC Conversion process finished")
```

DATA CONVERSION TO OPEN FORMATS



conversion in just 4
lines of code

data**driven**
construction.io

```

1 # RVT | IFC | DWG project file name in XLSX format
2 output_file = file_path[:-4] + "_rvt.xlsx"
3 # Read the converted Excel file
4 df = pd.read_excel(output_file)
5 # Update column names to remove storage type in parameter
6 df.columns = [col.split(' : ')[0] for col in df.columns]

```

two-dimensional
project data

data-driven
construction.io

🚀 Structured format is ideal
for analytics, visualization
and automation



Column names

ID	Name	Category	Family Name	Height	BoundingBoxMin_X	BoundingBoxMin_Y	BoundingBoxMin_Z	Level
431144	Single-Flush	OST_Doors	Single-Flush	6.88976378	20.1503	-10.438	9.84252	Level 1
431198	Single-Flush	OST_Doors		6.88976378	13.2281	-1.1207	9.84252	Level 2
457479	Single Window	OST_Windows	Single Window	8.858267717	-11.434	-11.985	9.80971	Level 2
485432	Single Window	OST_Windows	Single Window	8.858267717	-11.434	4.25986	9.80971	
490150	Single-Flush	OST_Doors	Single-Flush	6.88976378	-1.5748	-2.9565	-1E-16	Level 1
493697	Basic Wall	OST_Walls	Basic Wall		-38.15	20.1656	-4.9213	Level 1
497540	Basic Wall	OST_Walls	Basic Wall		-4.5212	-0.0708	9.84252	Level 1

Columns axis = 1

Index label

Index axis = 0

Missing value

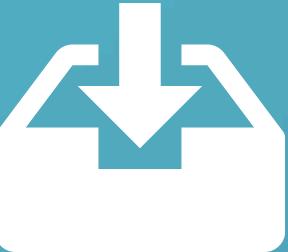
Data

converters



FULL ACCESS
TO YOU DATA

download
without
registration



PRO version



RVT 2023-2024



IFC 4x1 - 4x3

ad-free



Buy Add-Free
Excel Plugin

community edition



RVT 2015-2022



DGN V7-V8



IFC 2x3



DWG 1983-2023

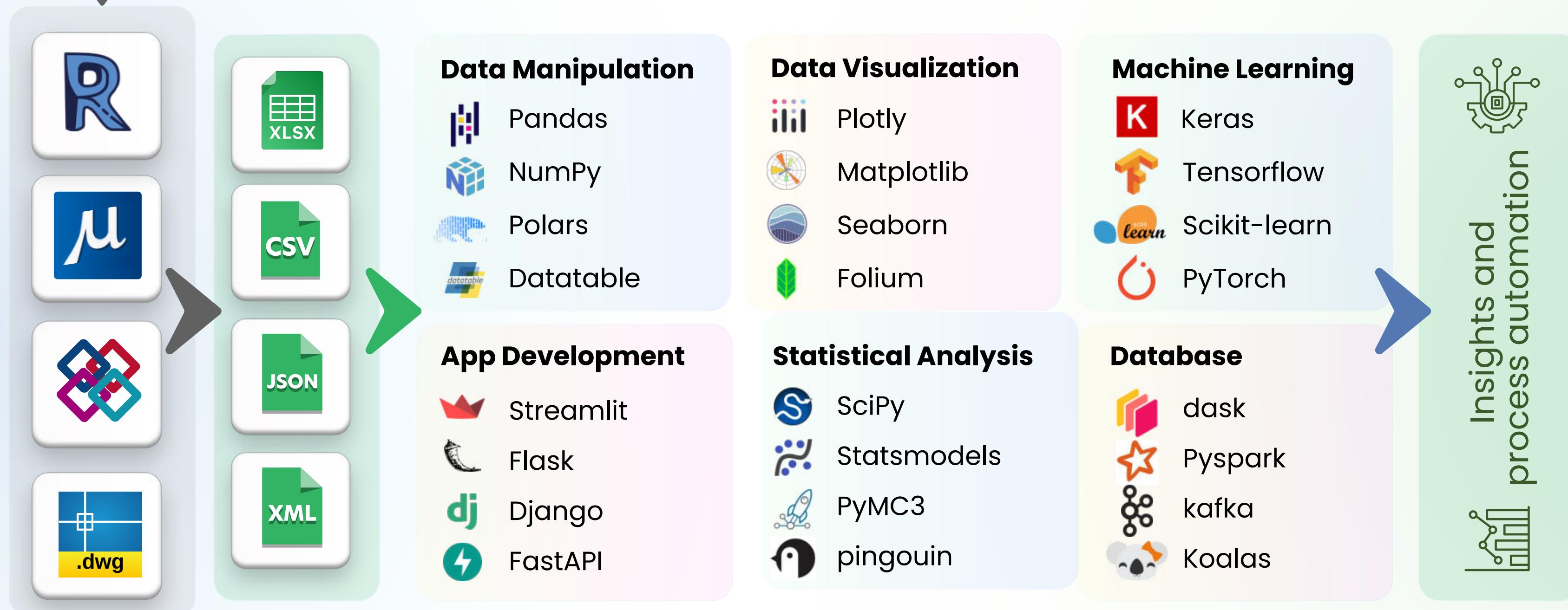
+ ads



Life Is Short, Use Python

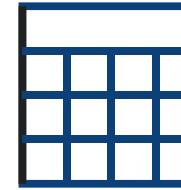
to work with construction project data

data-driven
construction.io



easy to learn, easy to develop

STRUCTURED DATA



Pandas: The leading library for data manipulation and a key tool for building pipelines



8811040

Number of downloads of the Pandas
Pipeline library each day



70%

Data engineers [using](#) Pandas Pipeline as
their primary tool



200k

Questions on Stack Overflow [tagged](#) with
Pandas Pipeline



LOAD

Input

Importing Revit and IFC data.py

```
1 # Importing data for processing
2
3 import pandas as pd
4 df = pd.read_csv('C:\Revit_Sample.csv')
```

Output

	Id	Category	Type	Length	Volume
0	12577	Wall	Wall WD100	3200	1.0
1	15889	Wall	Wall STB 200	5400	6.0
2	76554	Door	Glazed Back Door	1300	0.3
3	74456	Window	Window 1700w	1700	0.5



FILTER

Input

Filtering data in Revit and IFC projects.py

```
1 # Whether each element contains the values
2
3 df[df['Category'].isin(['Wall', 'Window'])]
```

Output

	Id	Category	Type	Length	Volume
0	12577	Wall	Wall WD100	3200	1.0
1	15889	Wall	Wall STB 200	5400	6.0
3	74456	Window	Window 1700w	1700	0.5



GROUP

Input

GroupBy Revit IFC.py

```
1 # Grouping a Revit or IFC project by parameters
2
3 df.groupby('Category')['Volume', 'Length'].sum()
```

Output

Category	Volume	Length
Door	0.3	1300
Wall	7.0	8600
Window	0.5	1700

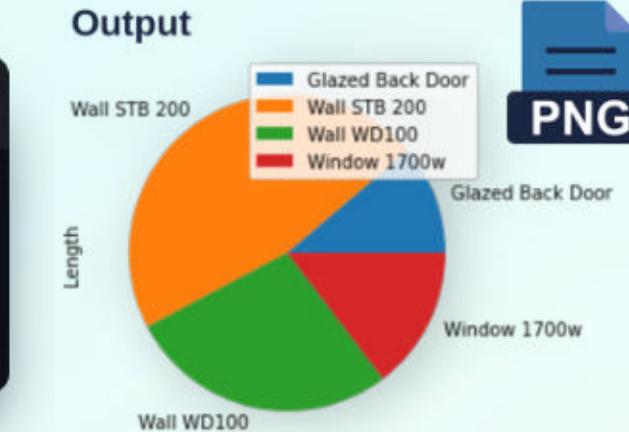


PIE chart



Input

```
- □ × Pie chart.py  
1 # Create a basic pie chart  
2  
3 df.groupby(['Type']).sum().plot.pie(y='Length')
```

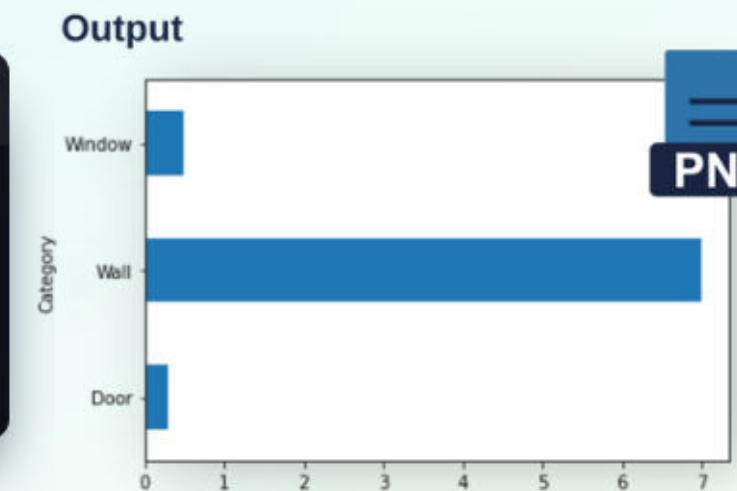


BAR chart



Input

```
- □ × Bar plot.py  
1 # The bar plot can be created as follows  
2  
3 dfp = df.groupby('Category')['Volume'].sum()  
4 dfp.plot(kind='barh')
```



Regular Expression



Input

```
- □ × RegEx.py  
1 #Regular expression in Revit and IFC  
2  
3 df[df['Category'].str.match('Wal*')]
```

Output

	ID	Category	Type	Length	Volume	grid icon
0	12577	Wall	Wall WD100	3200	1.0	
1	15889	Wall	Wall STB 200	5400	6.0	

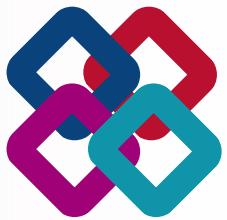
QTO TakeOff

Input

```
- □ x QTO by RegEx.py  
1 #QTO - Finding volumetric quantities for the group  
2  
3 dfq = df[df['Category'].str.match('Wal*')]  
4 dfq = dfq.groupby('Category')['Volume', 'Length'].sum()
```

Output

Category	Volume	Length
Wall	7.0	8600



EXCEL Data Export

Input

```
- □ x Export to Excel.py  
1 # Creating a grouping and saving as Excel  
2  
3 dfe = df.groupby(['Category'])['Length'].agg(['sum', 'count'])  
4 dfe.to_excel("output.xlsx", sheet_name='Category_estimate')
```

Output

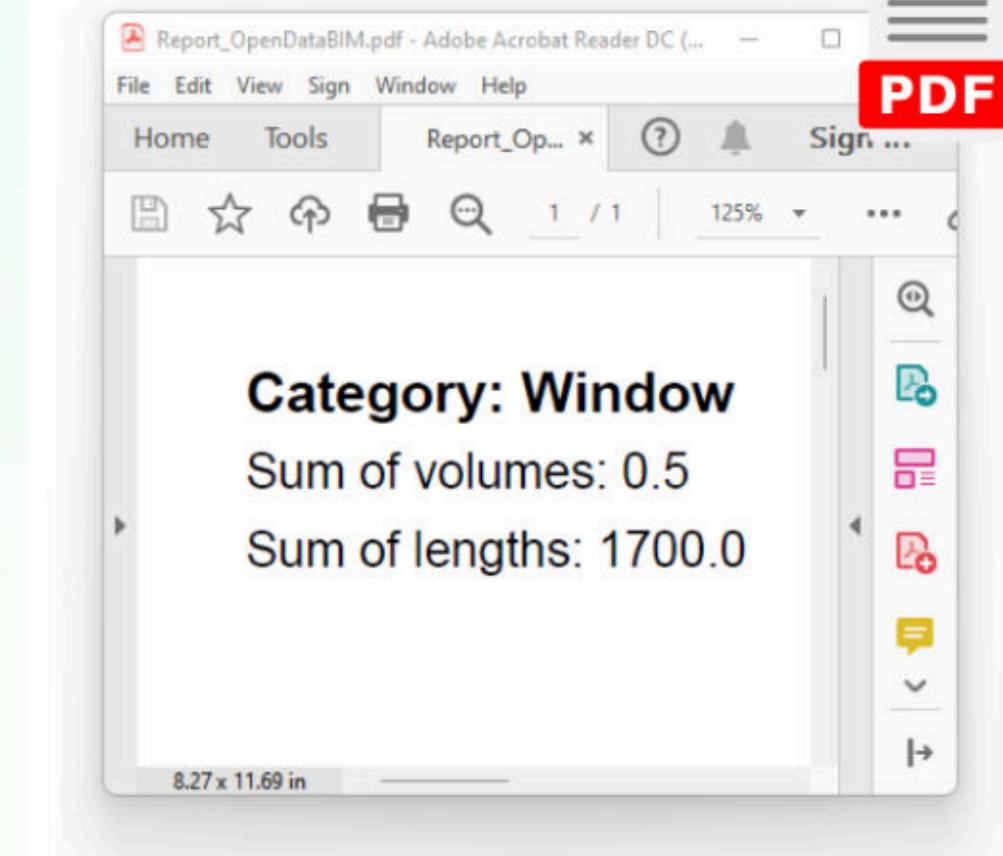
	A	B	C	D
2	Door	1300	1	
3	Wall	8600	2	
4	Window	1700	1	
5				

PDF Document

Input

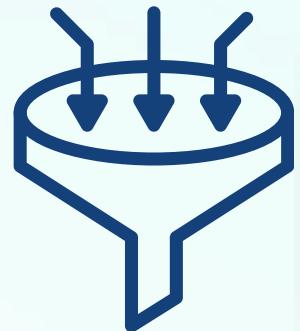
```
- □ x Creating a PDF document.py  
1 from fpdf import FPDF  
2  
3 # Determining the volumetric characteristics of the group  
4 s_cat = 'Window'  
5 dfq= df[df['Category'].str.match(s_cat)]  
6 dfq = dfq.groupby('Category')['Volume', 'Length'].sum()  
7 cat_len = str(dfq.iloc[0]['Length'])  
8 cat_vol = str(dfq.iloc[0]['Volume'])  
9  
10 # Creating a PDF document based on the parameters found  
11 pdf = FPDF()  
12 pdf.add_page()  
13 pdf.set_font('Arial', 'B', 16)  
14 pdf.cell(190, 8, 'Category: ' + s_cat, 2, 1, 'L')  
15 pdf.set_font('Arial', '', 14)  
16 pdf.cell(190, 8, 'Sum of volumes: ' + cat_vol, 2, 1, 'L')  
17 pdf.cell(190, 8, 'Sum of lengths: ' + cat_len, 2, 1, 'L')  
18  
19 # Saving a document in PDF format  
20 pdf.output(' c:\Report_DataDrivenConstruction.pdf ', 'F')
```

Output





FILTER



Input

```
Filtering data in Revit and IFC projects.py
```

```
1 # Whether each element contains the values
2
3 df[df['Category'].isin(['Wall', 'Window'])]
```

Output

	Id	Category	Type	Length	Volume
0	12577	Wall	Wall WD100	3200	1.0
1	15889	Wall	Wall STB 200	5400	6.0
3	74456	Window	Window 1700w	1700	0.5



Filter the data in the project to keep the wall category items in the project

GROUP



Input

```
GroupBy Revit IFC.py
```

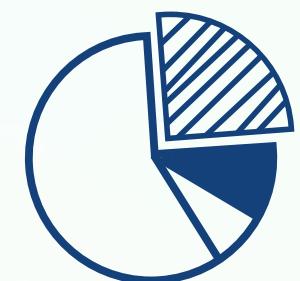
```
1 # Grouping a Revit or IFC project by parameters
2
3 df.groupby('Category')['Volume', 'Length'].sum()
```

Output

Category	Volume	Length
Door	0.3	1300
Wall	7.0	8600
Window	0.5	1700

Group the project by the "Type Name" parameter and show the volume of each group

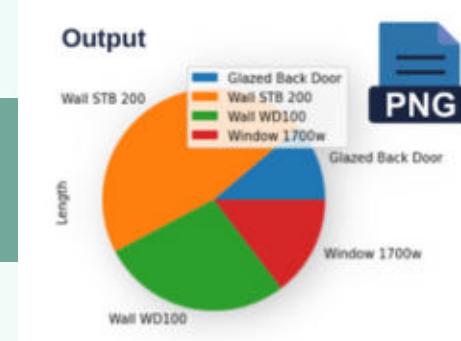
PDF



Input

```
Creating a PDF document.py
```

```
1 from fpdf import FPDF
2
3 # Determining the volumetric characteristics of the group
4 s_cat = 'Window'
5 dfq= df[df['Category'].str.match(s_cat)]
6 dfq = dfq.groupby('Category')['Volume', 'Length'].sum()
7 cat_len = str(dfq.iloc[0]['Length'])
8 cat_vol = str(dfq.iloc[0]['Volume'])
9
10 # Creating a PDF document based on the parameters found
11 pdf = FPDF()
12 pdf.add_page()
13 pdf.set_font('Arial', 'B', 16)
14 pdf.cell(190, 8, 'Category: ' + s_cat, 2, 1, 'L')
15 pdf.set_font('Arial', '', 14)
16 pdf.cell(190, 8, 'Sum of volumes: ' + cat_vol, 2, 1, 'L')
17 pdf.cell(190, 8, 'Sum of lengths: ' + cat_len, 2, 1, 'L')
18
19 # Saving a document in PDF format
20 pdf.output(' c:\Report_DataDrivenConstruction.pdf ', 'F')
```



Choose the first 20 types by volume and show the result as a Pie chart



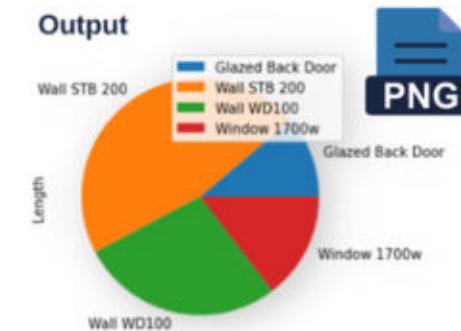
Create a PDF report with a table and a graph

chatGPT

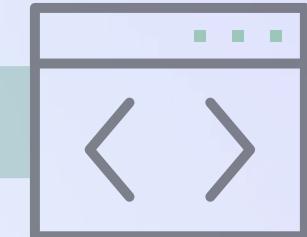
LLmA, Alpaca

Output					
	ID	Category	Type	Length	Volume
0	12577	Wall	Wall WD100	3200	1.0
1	15889	Wall	Wall STB 200	5400	6.0
3	74456	Window	Window 1700w	1700	0.5

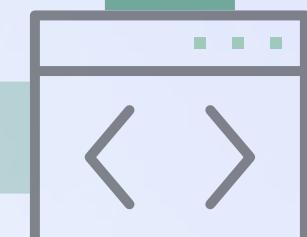
Output		
Category	Volume	Length
Door	0.3	1300
Wall	7.0	8600
Window	0.5	1700



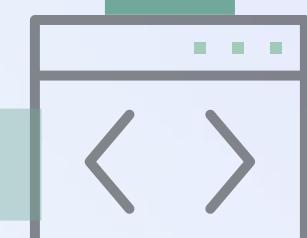
Show the differences between the new version of the project and the latest version



Filter the data in the project to keep the wall category items in the project



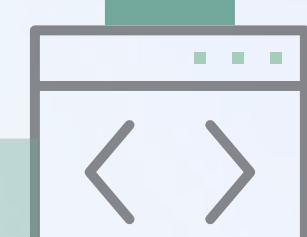
Group the project by the "Type Name" parameter and show the volume of each group



Choose the first 20 types by volume and show the result as a Pie chart



Create a PDF report with a table and a graph



PANDAS



1 Line of code



IDE

QTO.py

```
df[df['Category'].isin(['OST_Walls', 'OST_Columns'])].groupby('Type')['Volume'].sum()
```



Milliseconds

1.5" x 1.5"	0.00
Lamelle 11.5	74.82
MW 11.5	141.28
MW 17.5	67.43
STB 20.0	173.78
STB 25.0 WD 12.0	7.33
STB 30.0	88.57
STB 30.0 Rot	16.82
Standard	0.00
WC Trennwand 5.0	1.61

Effort



Input



Time



Output

1 Sentence



LLM Chat

Sum the 'Volume' column, grouped by 'Type', but only for rows where 'Category' is either 'OST_Walls' or 'OST_Columns'



Seconds

1.5" x 1.5"	0.00
Lamelle 11.5	74.82
MW 11.5	141.28
MW 17.5	67.43
STB 20.0	173.78
STB 25.0 WD 12.0	7.33
STB 30.0	88.57
STB 30.0 Rot	16.82
Standard	0.00
WC Trennwand 5.0	1.61

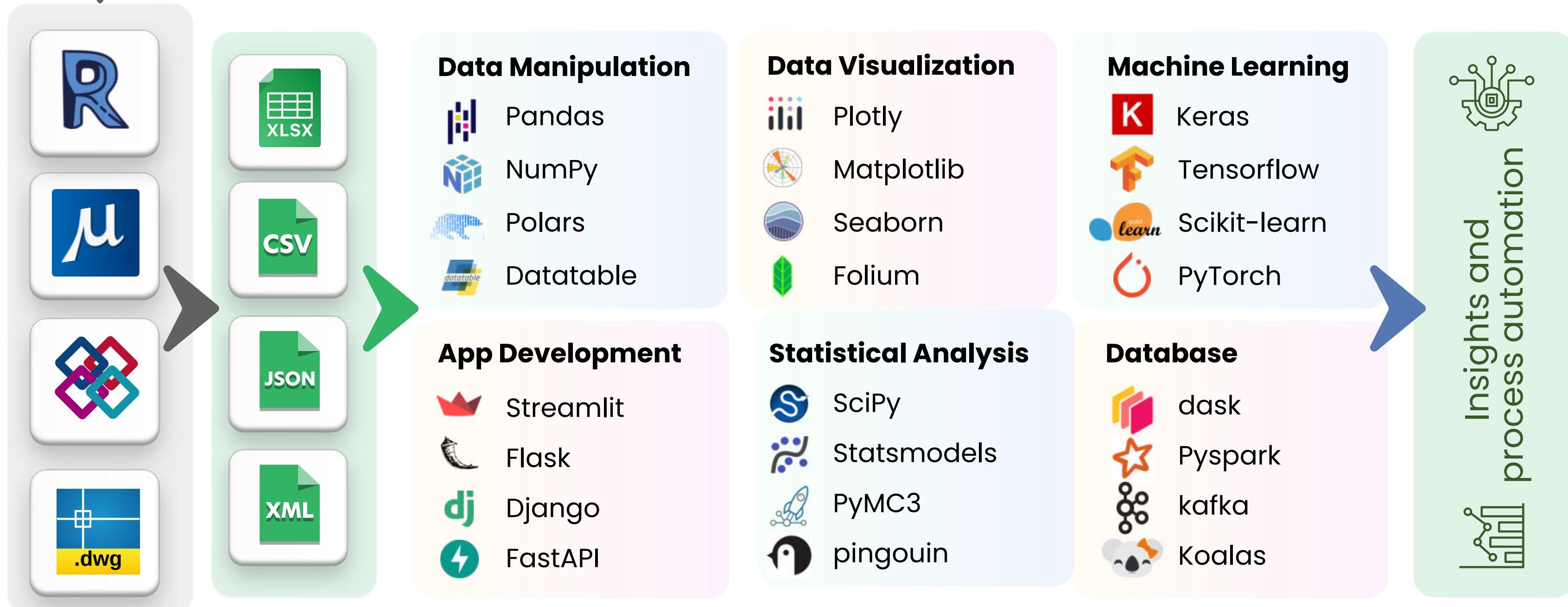
CHATGPT



Life Is Short, Use Python

to work with construction project data

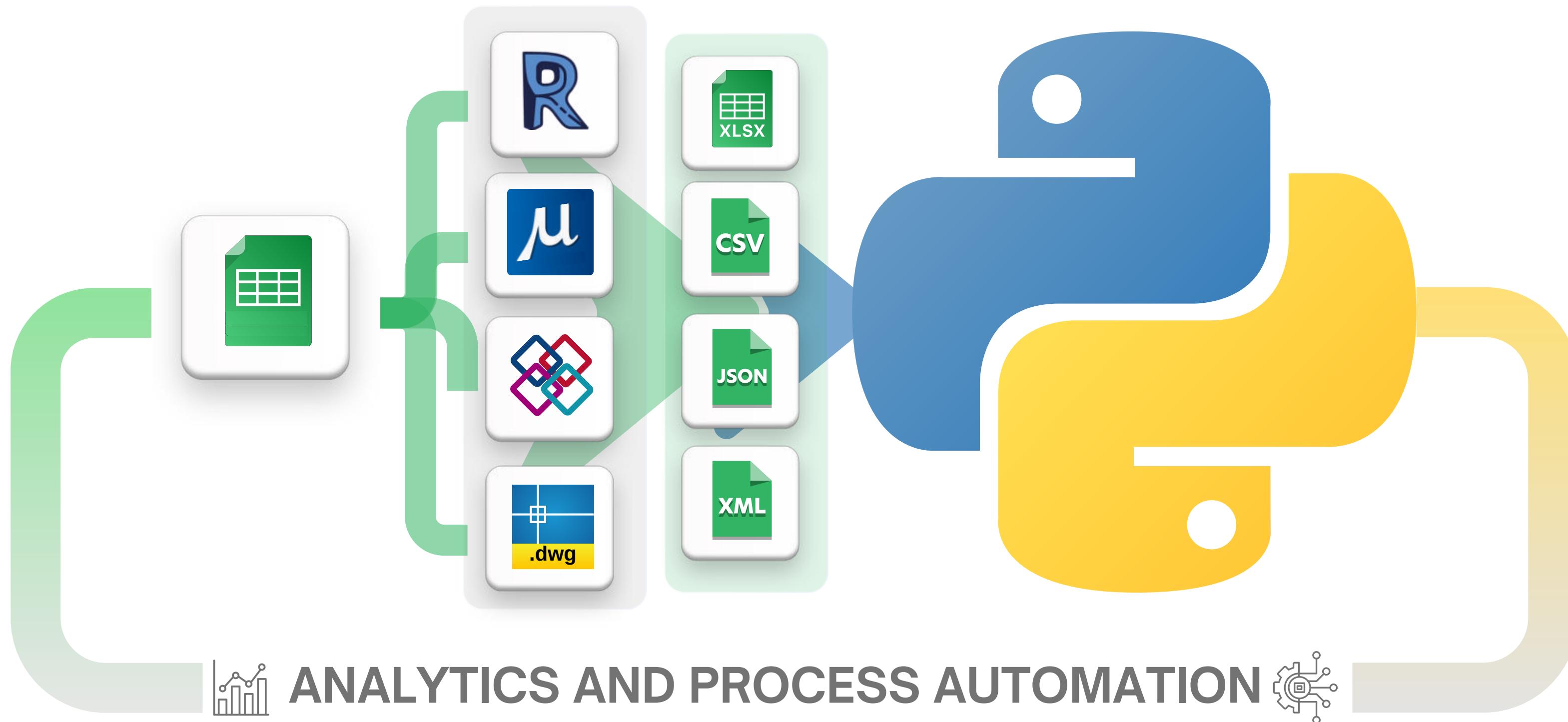
data-driven
construction.io

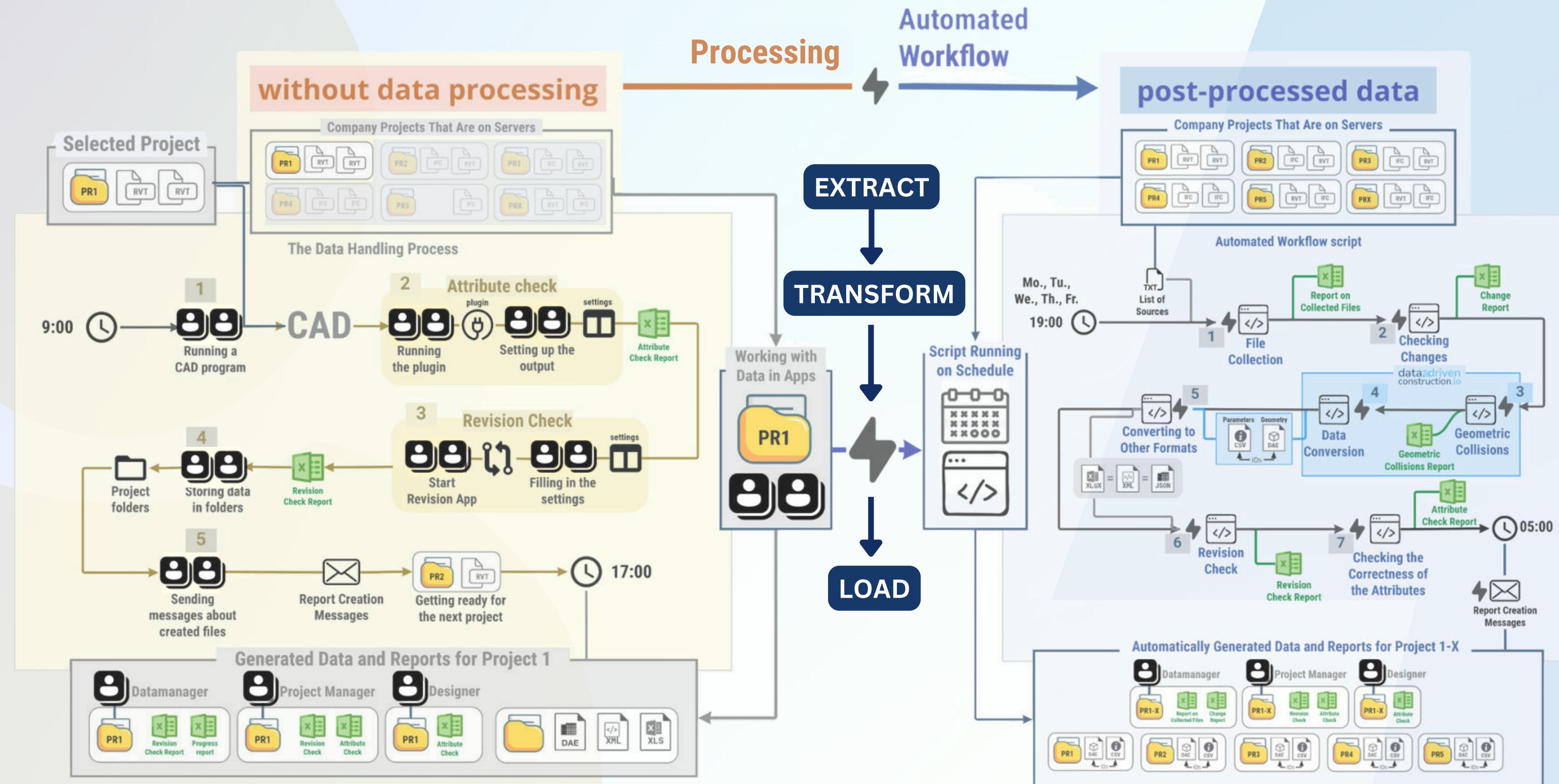


easy to learn, easy to develop

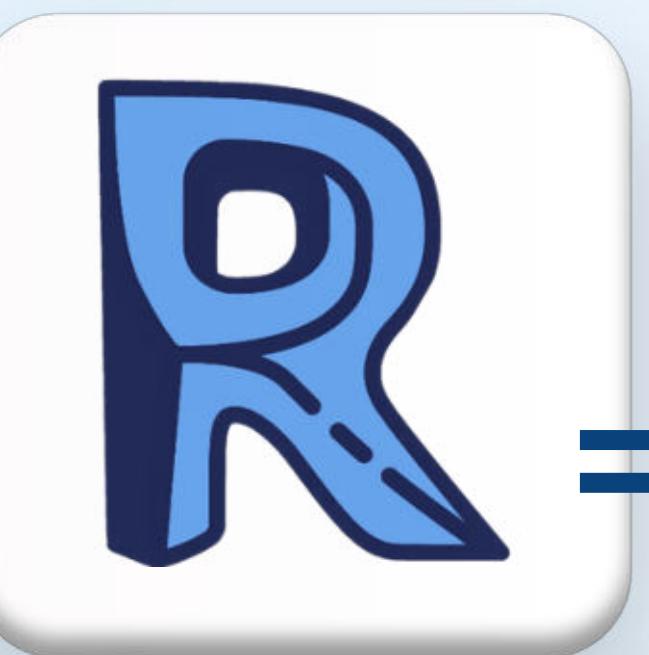
Life Is Short, Use Python

to work with data in construction



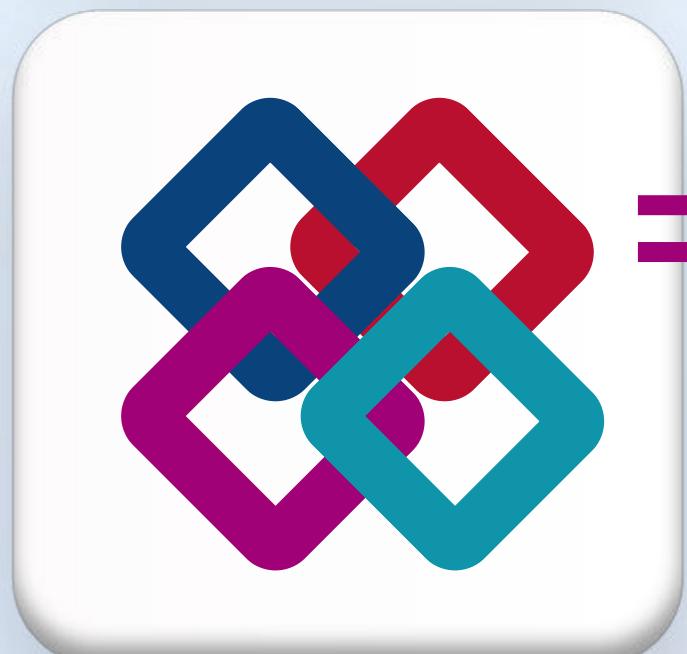


CAD (BIM) DATA



STANDALONE DDC EXCEL PLUGIN OR DDC CONVERTER

no Revit to run no API needed no Forge
no internet connection needed no subscription



OPEN DATA FORMATS

DATA APPS





IMAGES

JPEG

PNG



VIDEO

MPEG

AVI



AUDIO

MP3

WAV

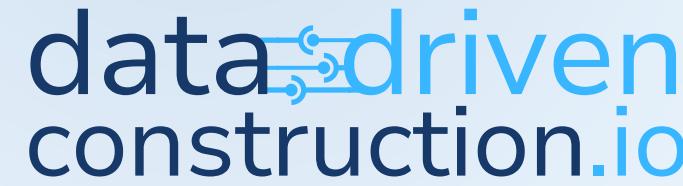


CAD (BIM)

**XLSX
& DAE**

CSV & GLTF





Platforms for working
with data from



Processing and visualization

[Excel »](#)



Automation and Pipelines

[Python and JN »](#)



**UNREAL
ENGINE**



Visualize geometry

[UE and Unity »](#)



Training and simulation

[USD and Omniverse »](#)

And 10+ more popular data platforms

**Nicolas Merot**

Ingénieur BIM | Caeli Ingénierie



DataDrivenConstruction products revolutionize data management in construction! Their IFC and RVT to Excel converters enable smooth data analysis and extraction, optimizing...

[Read more](#)**Daniel Glober**

BIM-Manager | SCHOLZE-THOST GmbH



Revit and IFC reports that used to take me almost weeks to create are now updated in just a few minutes. I was able to quickly understand what the DataDrivenConstruction did and thu...

[Read more](#)**Dmitri Garbuzenko**

BIM and AIM Coordinator | RB Rail AS



With the help of Python and especially the pandas library, as the DataDrivenConstruction team does, we are now able to perform delivery checks four times faster....

[Read more](#)**Prof. Dr.-Ing. Michael Bühler**

Co-Owner GemeinWerk Ventures



Be part of the movement with DataDrivenConstruction! Let's make true freedom in data formats a reality and catalyze a new era of productivity and innovation in construction....

[Read more](#)**Abdelrahim (Mohamed) Deghydy**

BIM Manager | Consolidated Contractors Company



DDC converter and Plugin is a fantastic and helpful tool for visualisation and quantification the meta data from Revit. Thanks for sharing such helpful tools!

**Jānis Dzenis**

BIM Coordinator | Merks, SIA



This is a fantastic tool, haven't seen one like this in a long time. In this era, we have countless tools and methods for creating models, drawings, tables, and other forms of data....

[Read more](#)**Valerio Spini**

Settore RVCS



Great experience: Until now, I used to open IFC files in Blocknote to check the parameters and their structure. Thanks to the DataDrivenConstruction converter I can check the parameter...

[Read more](#)**Irina Fischer**

BIM Coordinator | OBERMEYER Group



The decision to use Jupyter Notebook for results verification turned out to be highly beneficial. Our experience with solutions from Data Driven Construction and Jupyter Notebook...

[Read more](#)



Excel Add-in

free basic
functions for
working with
data

FUNCTIONAL APPLICATIONS AVAILABLE IN THE DATADRIVENCONSTRUCTION PLUGIN FOR EXCEL



RVT to Excel

IFC to Excel

DWG to Excel

Hide Columns

Remove Filters

Project Geometry

Visible Rows



Selected
Elements

Change
Colors

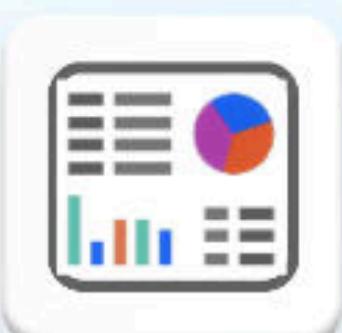
Change
Transparency

Add BBox
Data

Check
Duplicate

QTO
Table

CO2
Emissions



Check
Parameters

Create
Dashboard

Comparing
Versions

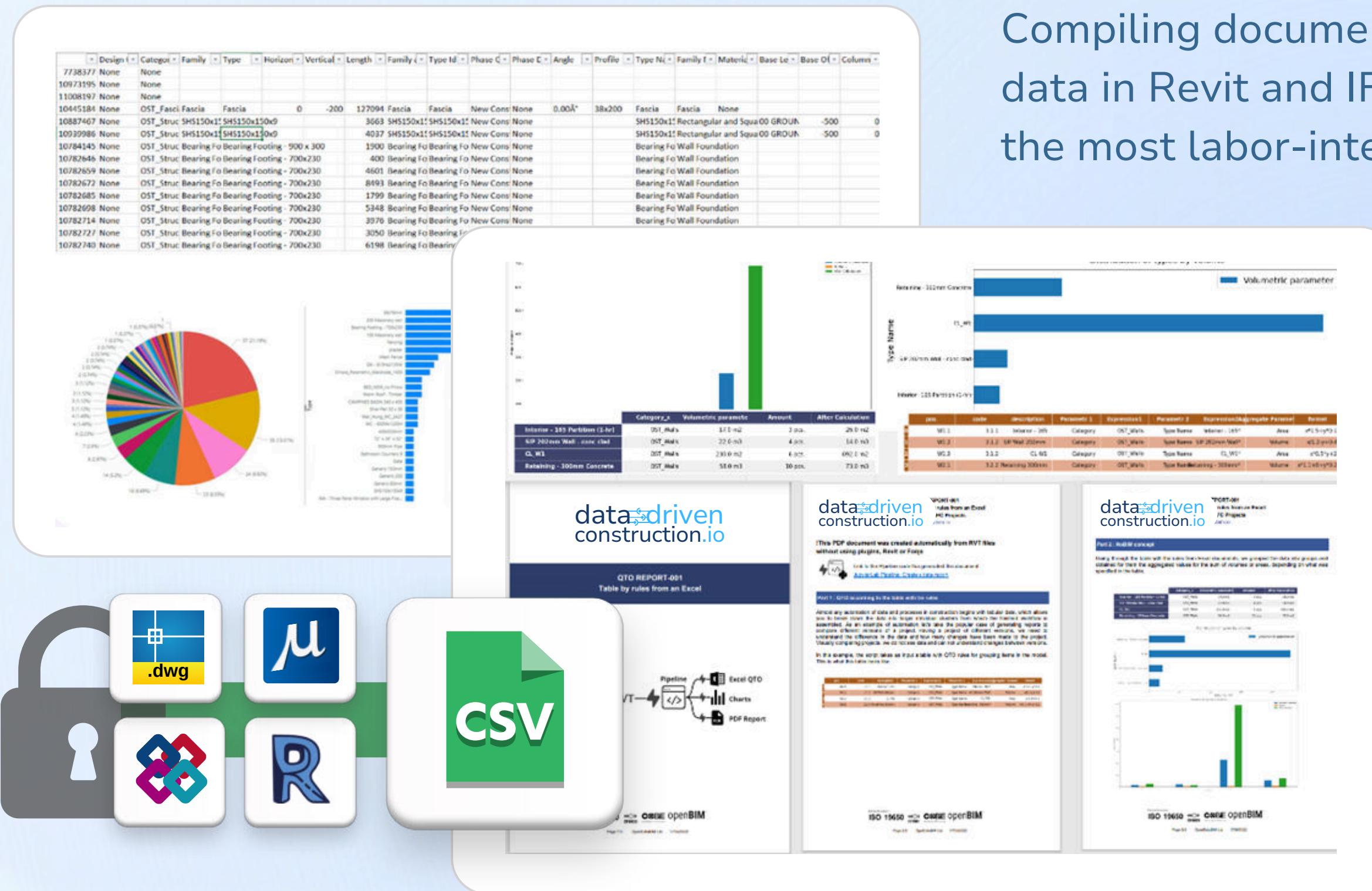
Merging
Projects

Export
to CSV

Export
to JSON

Export
to XML

Use case Data quality and automatic checks



The screenshot displays the data-driven construction.io platform, which integrates data from Revit and IFC models. Key features shown include:

- Data Grid View:** A table showing detailed data for structural elements like fascias, footings, and foundations.
- Pie Chart:** A breakdown of material types or categories.
- Bar Chart:** A comparison of volumetric parameters across different components.
- Table:** A summary table with columns for Category, Volumetric parameter, Amount, and After Calculation.
- Table:** A detailed table showing specific dimensions and descriptions for various wall types.
- Report Examples:** Three PDF reports titled "QTO REPORT-001", "Part 1: Wall concept", and "Part 2: Wall concept". These reports demonstrate how raw data is processed into structured tables and charts.
- Icons:** Icons representing common file formats and tools used in the process: .dwg, μ (Mu), R, and openBIM.

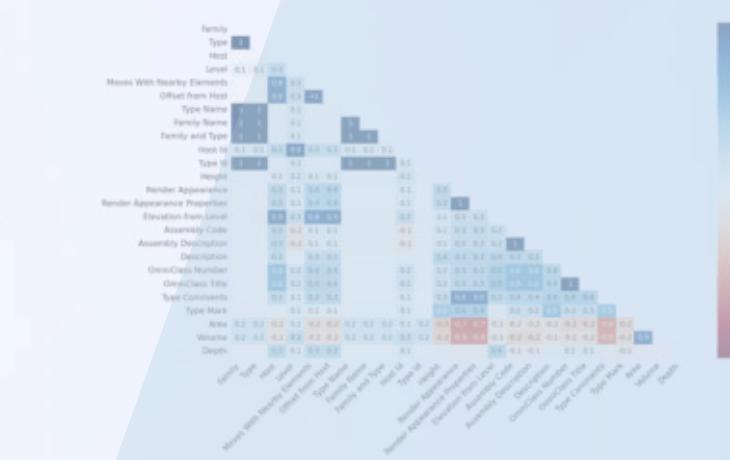
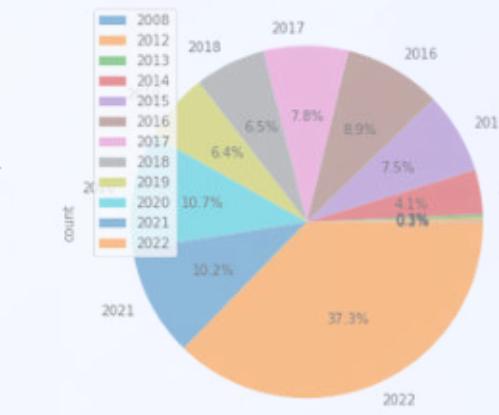
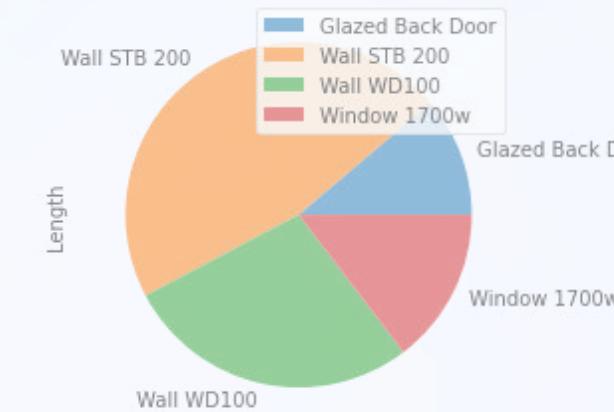
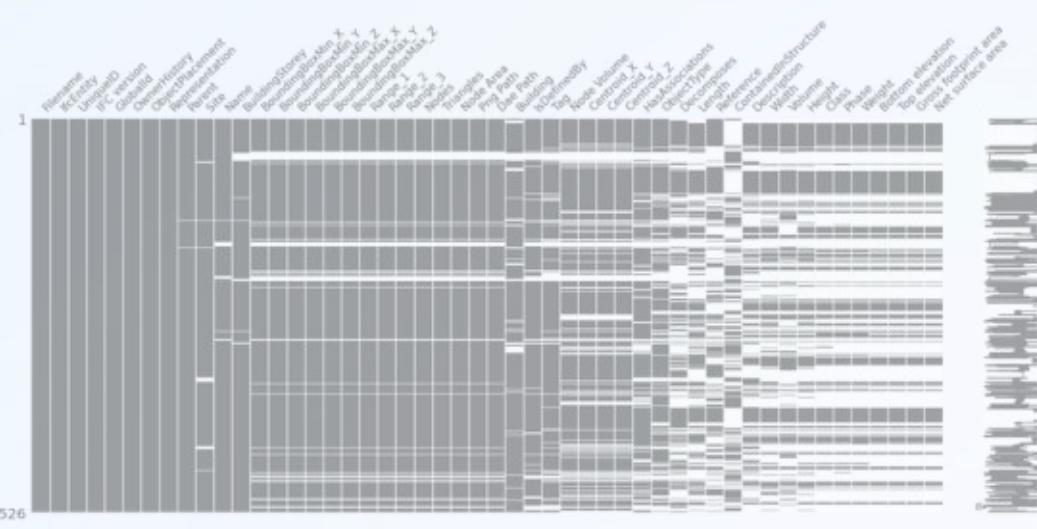
Compiling documentation from BIM model data in Revit and IFC formats ranks among the most labor-intensive tasks for managers

Benefits of automated documentation:

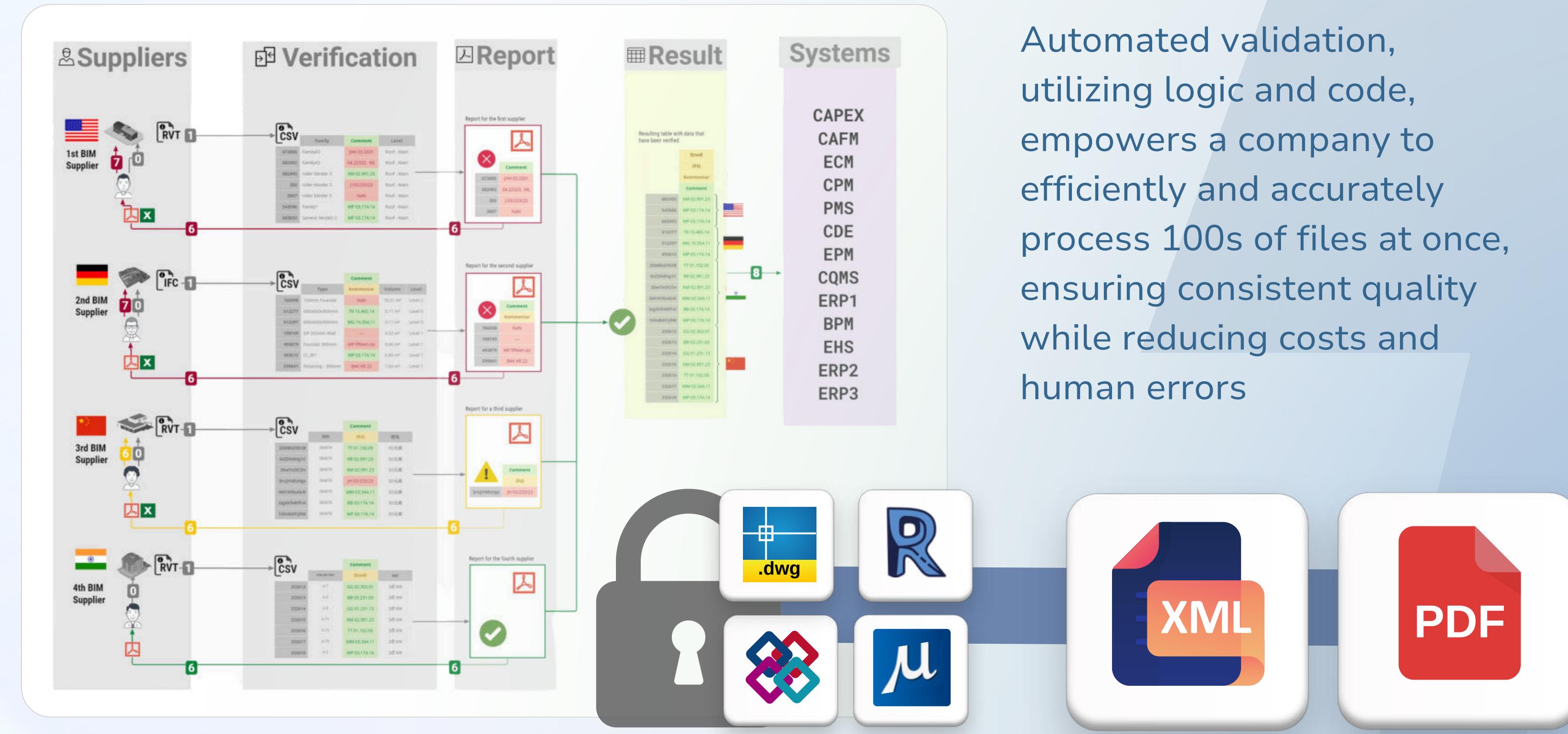
- Consistency
- Efficiency
- Accuracy
- Scalability
- Time Savings
- Up-to-date
- Customization
- Cost-Efficiency
- Traceability
- Adaptability

data-driven construction.io

Use case Data visualisation of project data



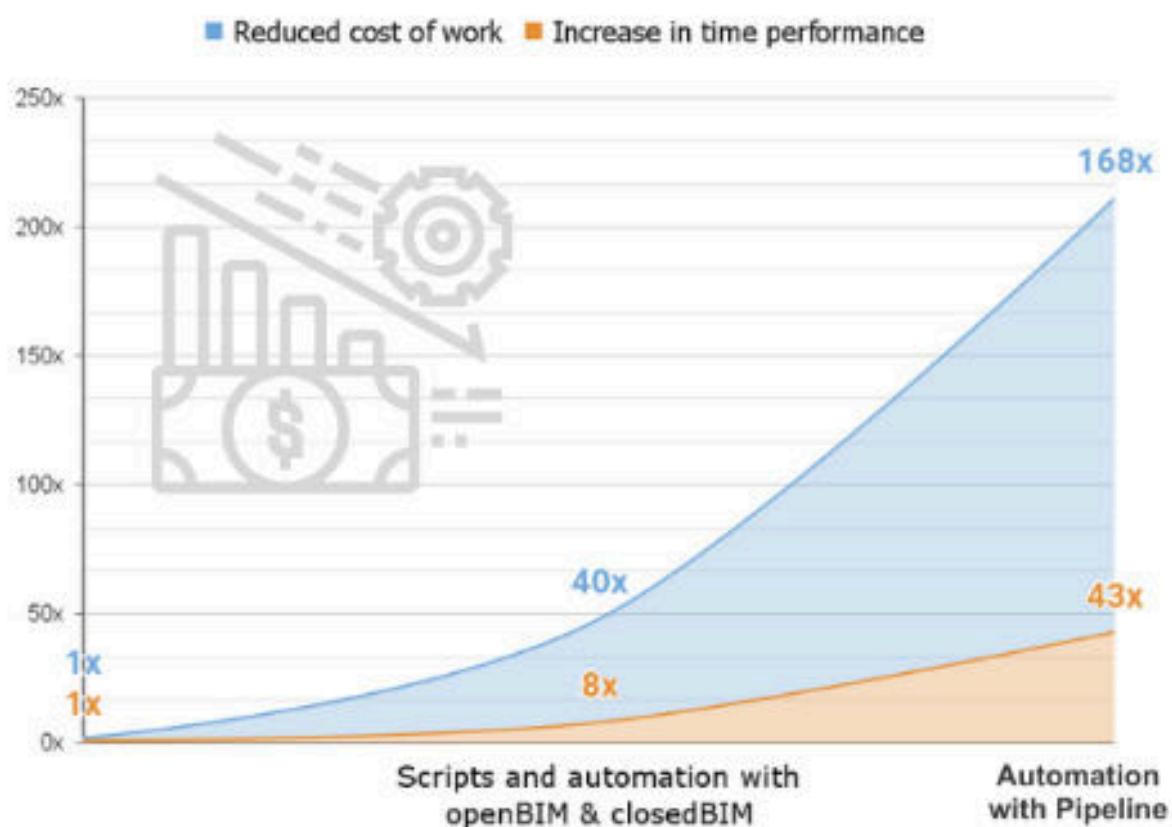
Use case Automatic reporting for BIM model



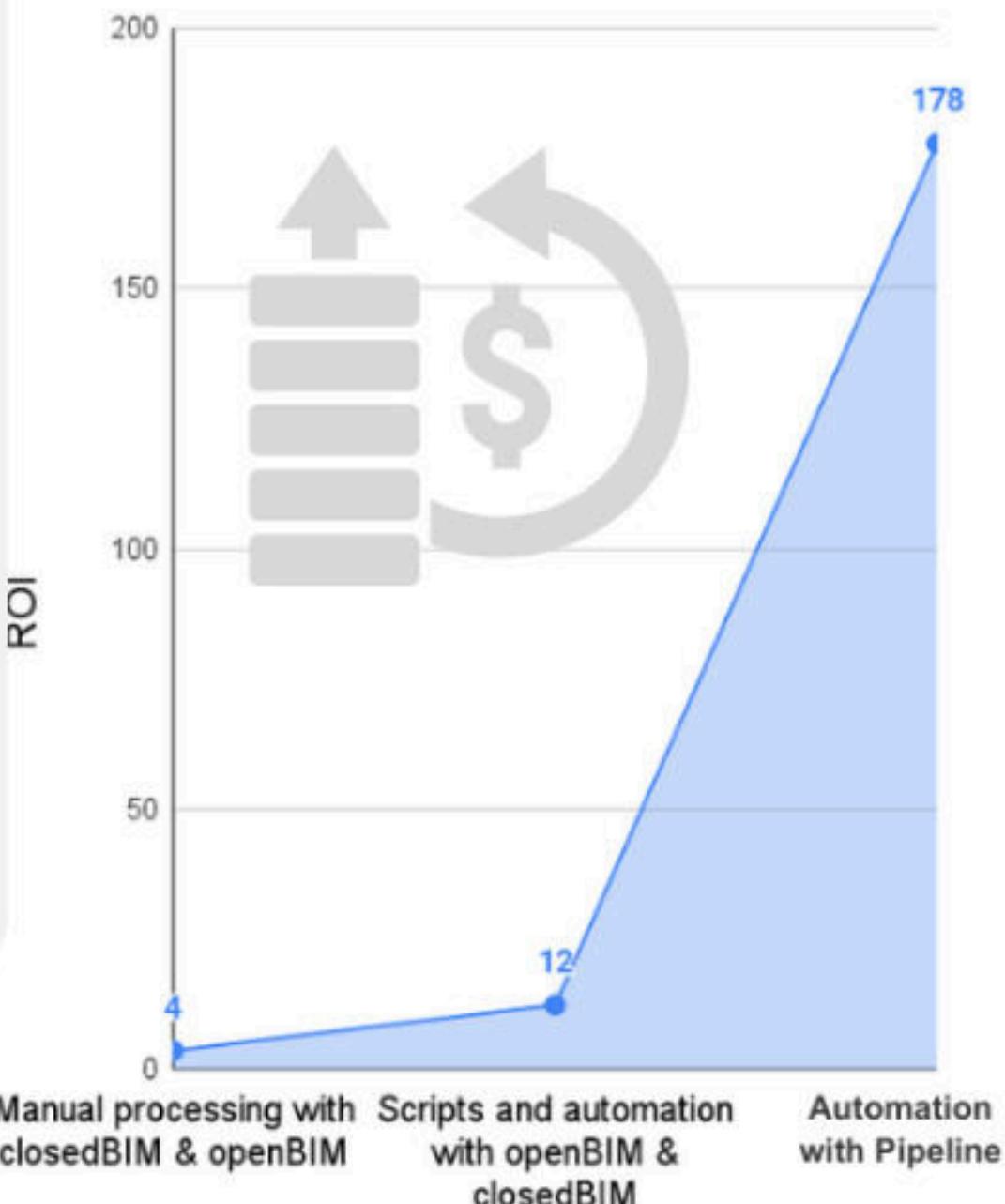
Automated validation, utilizing logic and code, empowers a company to efficiently and accurately process 100s of files at once, ensuring consistent quality while reducing costs and human errors

Utilizing Pipeline provides an exponential increase in productivity

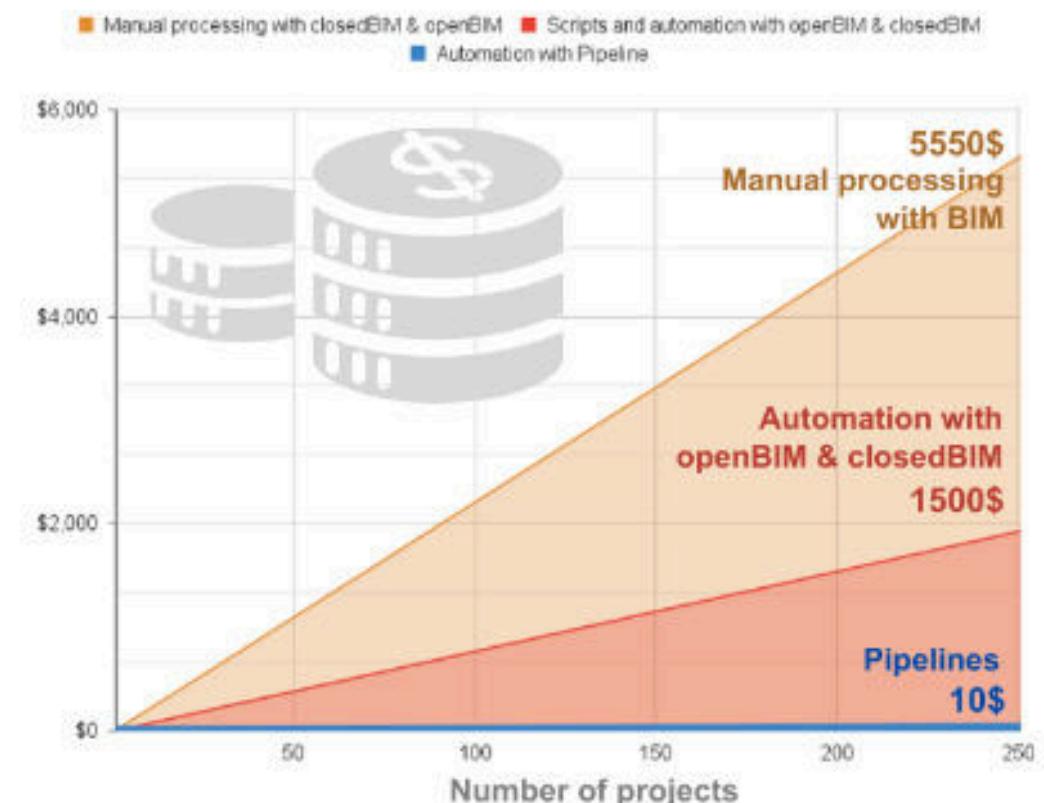
Reducing the cost of work and increasing productivity over time



Comparison of ROI of different automation concepts



Comparison of the cost of automating the tasks of extracting data from construction projects





Tools for working and processing project data in Revit™ and IFC formats



	DDC	Revit	IFC	BIM 360 & ACC
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Structured Data	Closed Data	Semi-Structured Data	Closed Data
	Table	Graph as a classifier	Graph as a classifier	Graph as a classifier
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	1 line of code	100+ lines of code	100+ lines of code	100+ lines of code
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Excel	Revit	OpenBIM Tools	Forge
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

data-driven construction.io

no Revit to run

no plugins

offline

no BIM software

standalone application

no BIM formats

no APIs



Democratizing
access to data from
CAD software



WORK WITH DATA FROM CAD (BIM) DIRECTLY INTO CHATGPT



Code for converting ⚡ data stream into required formats and documents

How Secure is My Data?

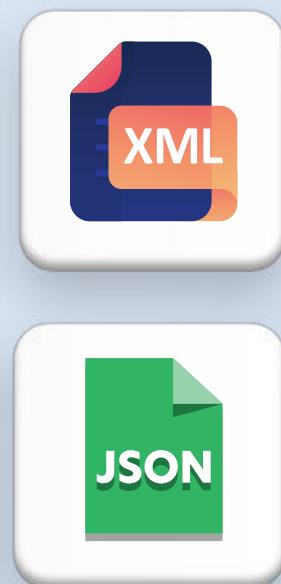


Your information
remains strictly yours

closed data



open data



no Revit to run

offline

standalone application

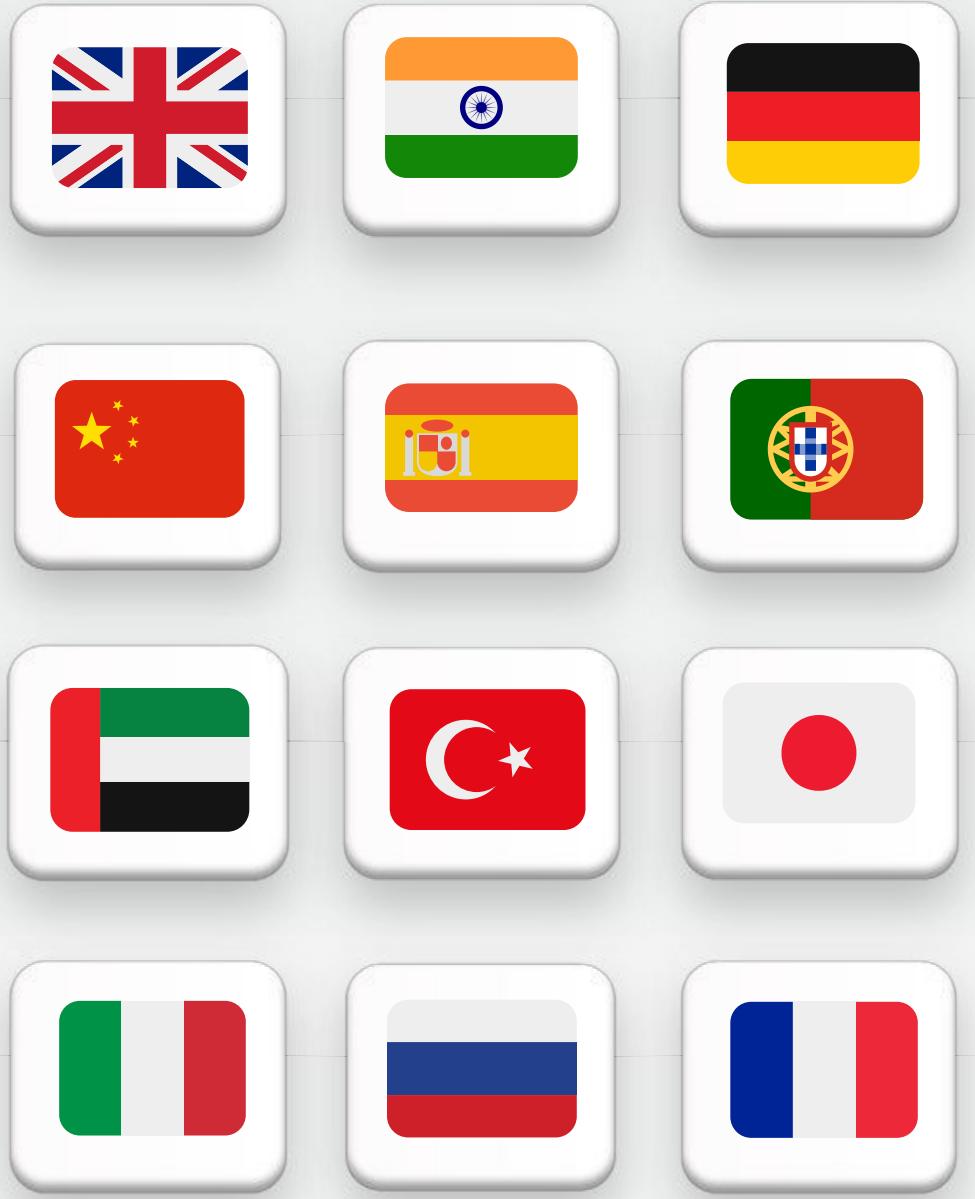
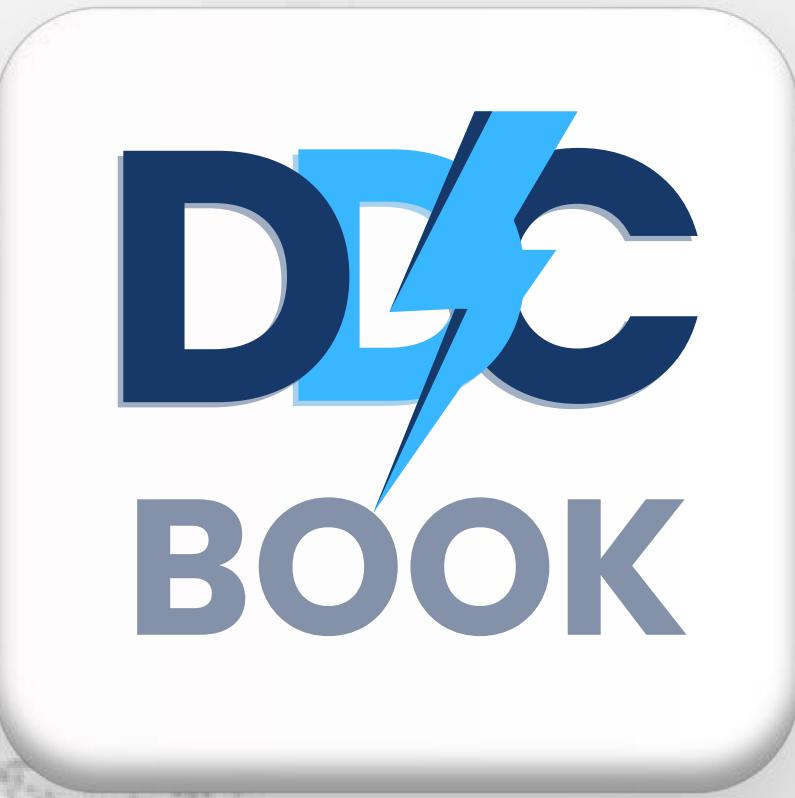
no APIs

no extra costs

no plugins

no BIM software

no BIM formats



"DATA-DRIVEN CONSTRUCTION: Navigating the Data Age in the Construction Industry" opens the door to the world of digital innovation in construction for a wide audience, offering insights into the latest technological advancements shaping the industry.

DDC guidebook

~80 MOST IMPORTANT TOPICS ON DATA MANAGEMENT IN CONSTRUCTION



210 UNIQUE ILLUSTRATIONS



Support & Training

Dedicated Post-Implementation Support
Training Modules to Get You Started

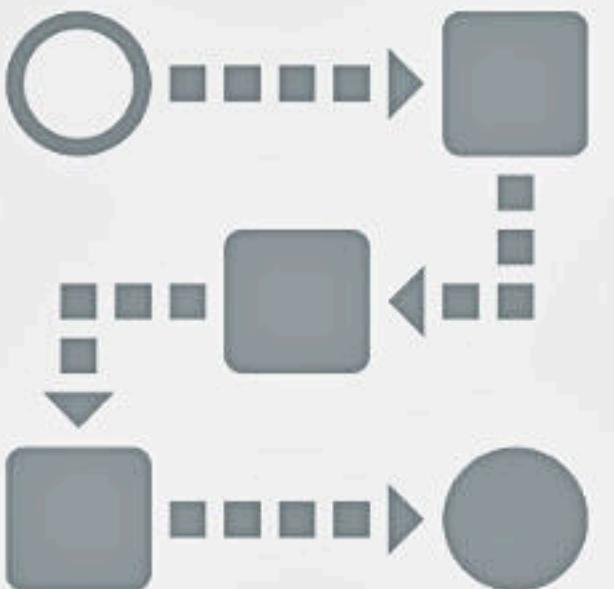
Customer-centric approach

you have the freedom to describe
your task precisely, down to the
smallest detail



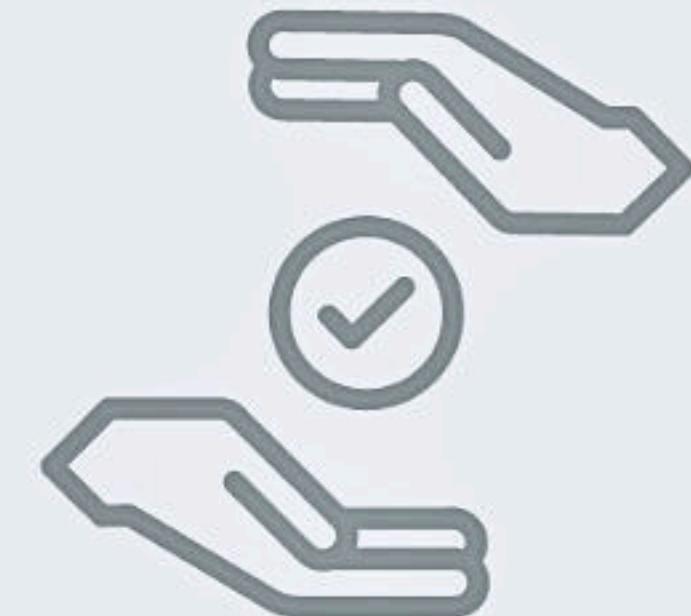
Validation and Proof of Concept

once we complete the work, you
will have the opportunity to
evaluate the results



Payment upon completion

when you are delighted with the
outcome, you will proceed with the
payment



info@datadrivenconstruction.io





datadriven construction.io

mining | visualization | analytics | automation



datadrivenconstruction.io
info@datadrivenconstruction.io



Together, Let's Build the
Future of Construction