



## DDC EXCEL ADD-IN

### community edition

RVT 2015-2023



IFC 2x3



DWG 1983-2023



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**The Community DDC Excel plug-in offers** users a seamless solution to open, access and process Revit® (RVT) 2015-2023, AutoCAD® (DWG) 1983-2023 and IFC2x3 parametric files directly in Excel, eliminating the need to install CAD (BIM) software on their computer. The DataDrivenConstruction plug-in, simplifies the extraction and manipulation of data from CAD (BIM) files, providing users with a familiar and efficient working environment.



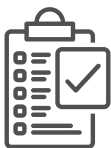
### The installation process is straightforward:

1. You only need to install the DataDrivenConstruction\_Excel\_XXX.exe application
2. After successful installation go to Excel and open the tab "DataDrivenConstruction"
3. Now to convert your projects select "Revit -> Excel" or (IFC or DWG) and select the project file you want to convert



### Plugin update:

1. Uninstall the previous version via Control Panel
2. Install the new version by running DDC\_Excel\_XXX.exe



### Requirements:

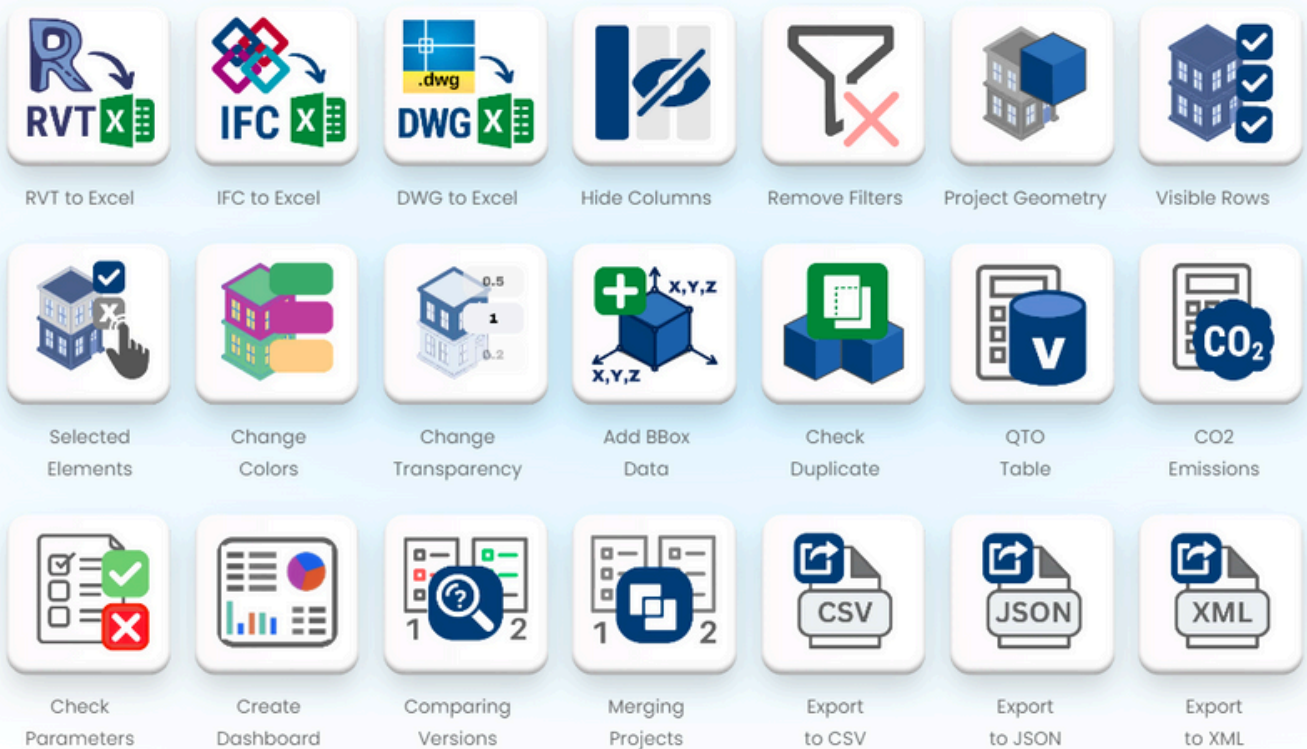
- Windows 10 64bit or Windows 11
- Microsoft Office for Windows (2013 or Later) or MS Office 365



If you encounter any issues, have feedback, or ideas for improvement, feel free to send an email to [info@datadrivenconstruction.io](mailto:info@datadrivenconstruction.io)

 [Detailed description of plugin functions with video instructions](#)

 [Video CAD \(BIM\) Data in Excel: Revit, IFC, DWG](#)



The community version is limited to supporting Revit® (RVT) versions 2015-2022, AutoCAD® (DWG) versions 1983-2023, and IFC2x3. Additionally, advertisements are displayed within the application. If you require the full version without advertisements and with support for all versions, please visit our website: [datadrivenconstruction.io](https://datadrivenconstruction.io)

FULL ACCESS  
TO YOUR DATA



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

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Use open structured data from projects in an unlimited number of tools



## Microsoft Excel

A leading spreadsheet software that allows you to open, edit, and analyze XLSX files. It offers extensive features for data manipulation, analysis, and visualization.



## Jupyter Notebooks

An open-source web application that supports data cleaning and transformation, numerical simulation, statistical modeling, data visualization, and more. It can work with XLSX files through Python libraries like Pandas.



## ChatGPT with Python Integration

This setup allows ChatGPT to use Python libraries like Pandas for handling XLSX files. Users can interact with and manipulate data in XLSX format through conversational commands, making it user-friendly for data analysis and visualization tasks.



## Kaggle cloud-based work environment

It allows users to write and execute Python code, and it supports various Python libraries, including Pandas, for reading and writing XLSX files. Kaggle is widely used for data analysis and modeling, and it's an excellent platform for collaborative projects and learning from a community of data scientists.



## Power BI (Microsoft)

This business analytics tool not only imports XLSX files but also enables users to transform and model their data, creating interactive dashboards and reports that can be shared across an organization for insightful decision-making.



## Pandas (Python Library)

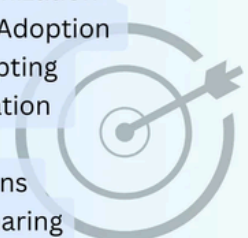
A powerful data analysis and manipulation library for Python. Pandas can read and write DataFrames to and from XLSX files using its `read_excel` and `to_excel` functions.

## Comparative Analysis Structured Data

Feature	Structured Data (XLSX, CSV, DF)	closedBIM and openBIM Tools (e.g., Revit)
Reporting & Visualization	High	Moderate
Customization	High	Moderate
Data Analysis	Robust	Limited
Industry Acceptance	Broad	ASIC
Learning Curve	Moderate	Steep
Automation & Scripting	Yes (VBA & Macros)	No
External Data Integration	High	Moderate
Cost Efficiency	High	Expensive
Add-ons & Extensions	Wide Range	Limited
Collaboration & Sharing	High (MS365)	Restricted Environments
Accessibility	Widely Accessible	Specialized Access

## Advantages of switching from to in data processing

-  Wide Accessibility
-  Quick Reporting and Visualization
-  Data Analysis Capabilities
-  Broad Acceptance
-  Flexibility and Customization
-  Ease of Training and Adoption
-  Automation and Scripting
-  External Data Integration
-  Cost Efficiency
-  Wide Range of Add-ons
-  Collaboration and Sharing







**DDC**  
GUIDE

[DDC guidebook](#)



**~80 MOST IMPORTANT TOPICS ON DATA MANAGEMENT IN CONSTRUCTION**

management projects systems attributes processes process quality model process CAD BIM information structured construction ChatGPT tools cost decisions project business processing requirements formats



**Martin Loureiro-Barrientos**  
BIM Coordinator | Populous, London



Probably the most interesting book of the last two years that I know of. Required reading to break free from the 'matrix' perpetuated by software vendors, this boo...

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**Paul Ransley**  
PLU Systems Engineer | Transport for London (TfL)



I highly recommend Artem's book that addresses, as the title says, a data driven information management approach for AECO. I am currently using it to help initiat...

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**Pierpaolo Vergati**  
Senior Construction Project Manager | Fintecna S.p.



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