



Sensitivity Explorer for Excel

Smarter Sensitivity Analysis in Excel

*Visualizing drivers, interactions, and risks of financial models
... in seconds*

Sensitivity Analysis and Excel

Sensitivity analysis is a core component of financial modeling and decision-making. From capital budgeting and investment appraisal to risk assessment, forecasting, and valuation, it is a ubiquitous and essential tool in a financial professional's arsenal. It is particularly important in:

- Business Valuation (including Equity Research and M&A)
- Capital Budgeting and Project Evaluation
- Project and Infrastructure Finance
- Financial Planning, Budgeting, and Forecasting
- Risk Management, Stress Testing, and Regulatory Compliance
- Actuarial Pricing, Reserving, and Capital Analysis
- Credit Risk Analysis and Loan Structuring

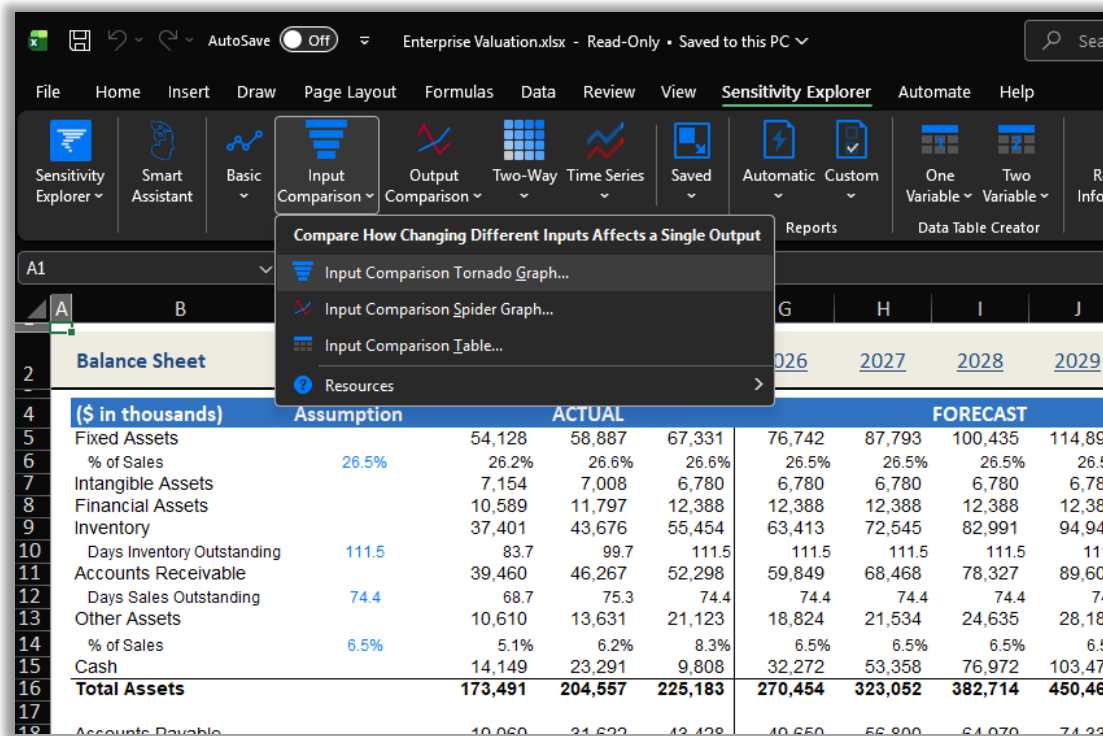
Financial analysis is primarily done in spreadsheets. According to the 2025 AFP FP&A Benchmarking Survey, 96% of respondents use them for financial planning on a daily or weekly basis. And, by far, Excel remains the dominant spreadsheet software used in the financial community.

Given these facts, it is surprising just how poor Excel's built-in feature for sensitivity analysis is. Excel's "Data Tables" are:

- Non-graphical
- Riddled with strange requirements (e.g. all inputs being on one worksheet)
- Notoriously difficult to configure

Introducing Sensitivity Explorer

Sensitivity Explorer, an Excel add-in created by Polished Analytics, is a comprehensive sensitivity analysis solution.



Comprehensive – Includes a wide array of analysis types, each with different views, advanced reporting capabilities, and integration with existing Excel features.

Efficient – Set up, run, and analyze sensitivity results... in seconds.

Graphical – Results can be displayed in presentation-ready graphs.

Auditable – Results can be displayed in tabular form for quick verification.

Model-Safe – No modifications of your spreadsheet required. Results shown in dynamic “floating” windows... until you decide you want them in Excel.

Standardized – Add consistency across your entire enterprise.

Flexible – Reports in PDF, Microsoft Word, and Microsoft Excel formats.

Reproducible – Settings automatically stored so analyses can be repeated in seconds.

Features – Analyses

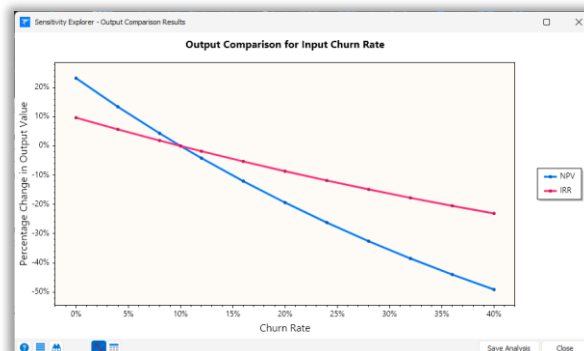
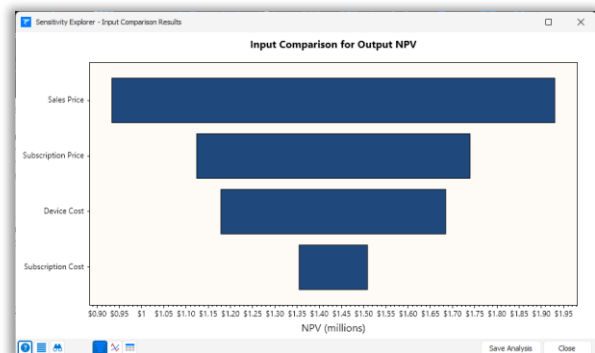
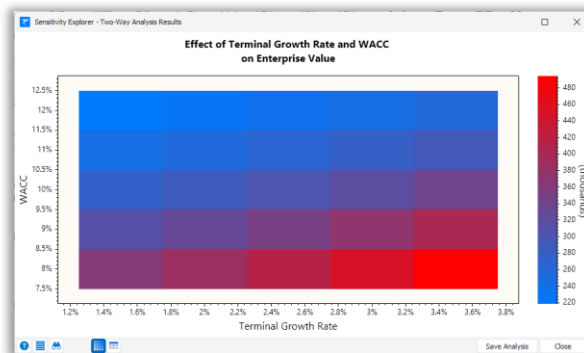
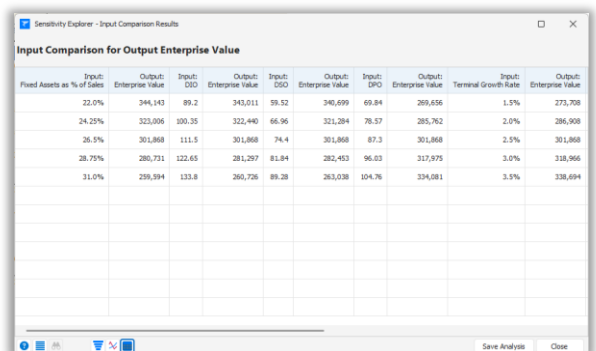
All Editions

Analysis Types - Basic, Input Comparison, Output Comparison, Two-Way, Time-Series.

Views – Results presented in multiple “views”, both graphs and tables.

Graphs - Basic Sensitivity, Tornado, Spider, Heat-Maps, Time-Series.

Saved Analyses – Store multiple analyses in a single workbook to re-run them later.

Sensitivity Explorer - Input Comparison Results
Input Comparison for Output Enterprise Value

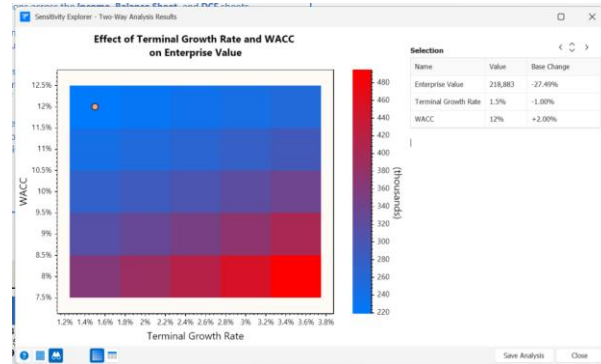
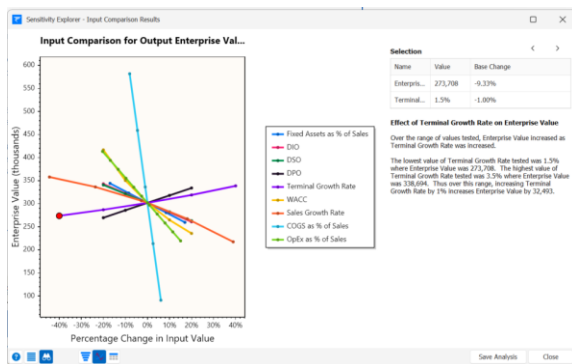
Input	Output Enterprise Value	Input	Output Enterprise Value	Input	Output Enterprise Value	Input	Output Enterprise Value	Input	Output Enterprise Value
Fixed Assets as % of Sales	22.0%	244,143	89.2	343,011	59.52	340,699	69.84	269,656	1.5%
	24.25%	323,006	100.35	322,440	66.96	321,284	76.57	285,762	2.0%
	26.5%	301,868	111.5	301,868	74.4	301,868	87.3	301,868	2.5%
	28.75%	280,731	122.65	281,297	81.84	282,453	96.03	317,975	3.0%
	31.0%	259,594	133.8	260,726	89.38	263,038	104.76	334,081	3.5%

Features – Graph Inspector

All Editions

Zoom In on Sensitivity Graphs – Inspect individual data points that comprise the sensitivity graphs, including outliers.

Quantify Relationships – Report-ready statements of the form “Increasing Terminal Growth Rate by 1% increases Enterprise Value by \$32K”

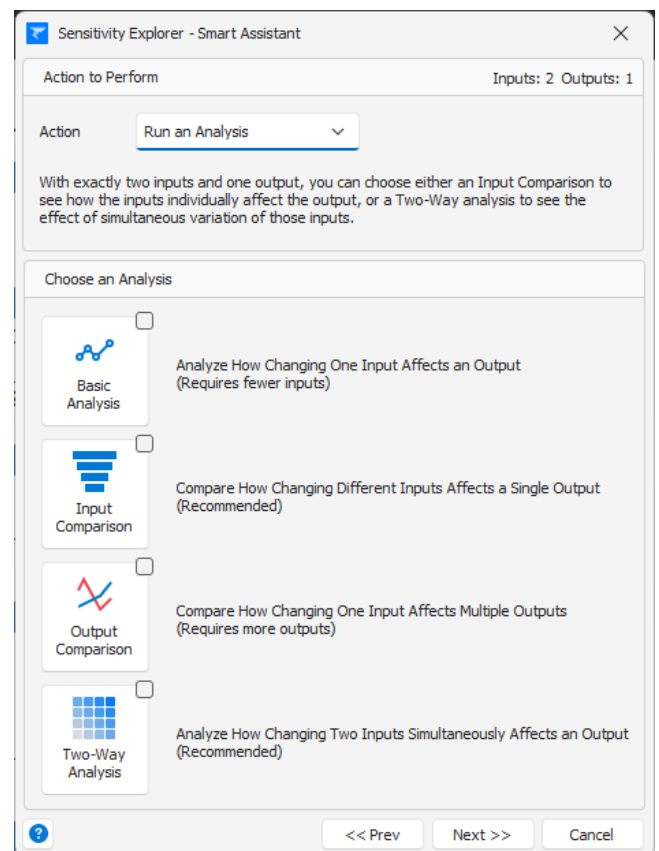
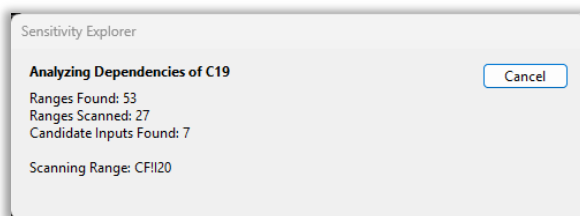
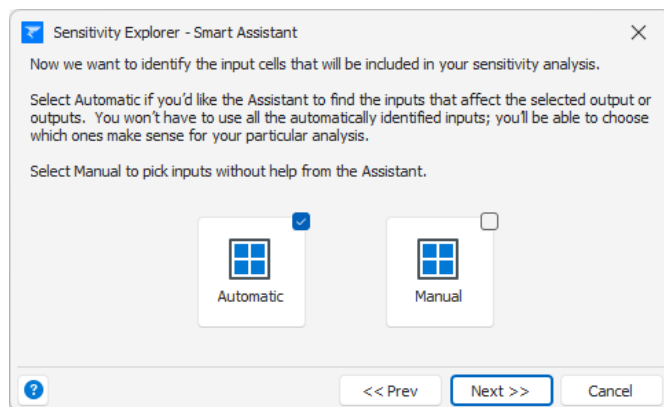
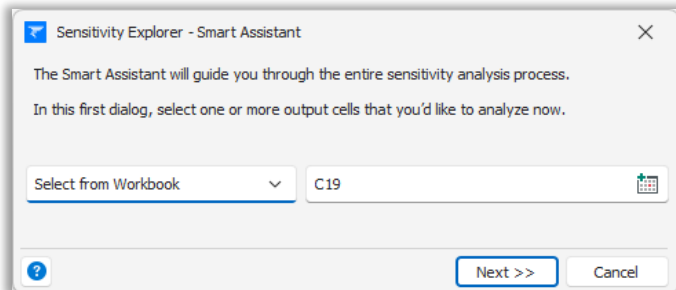


Features - Smart Assistant

Professional and Enterprise Editions

Dynamic UI – Leads analyst through all the important steps.

Dependency Tracing – Automatically determine which inputs affect a model's outputs.



Features - Reports

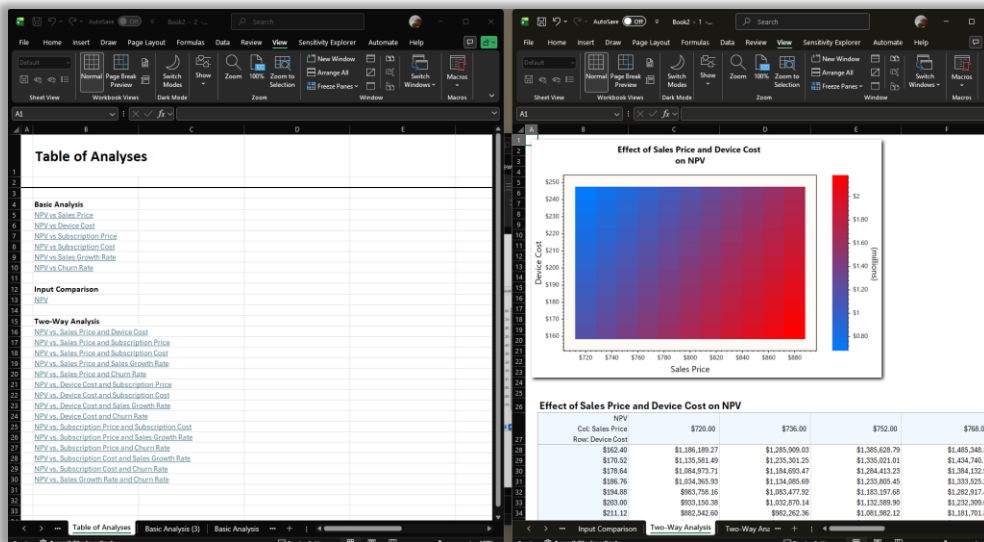
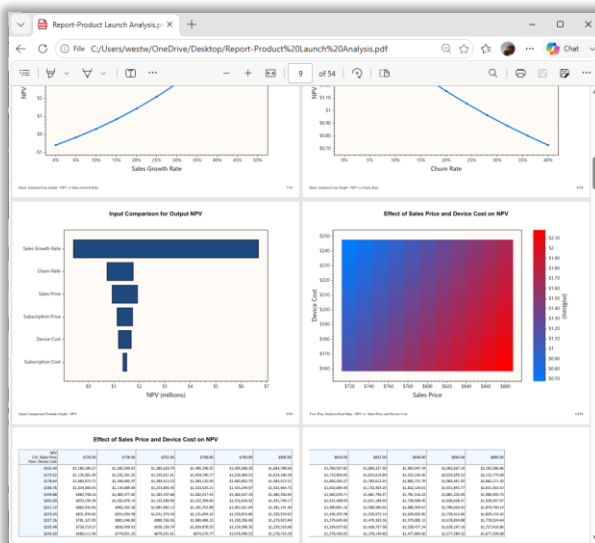
Professional and Enterprise Editions

Automatic Reports - To create reports in seconds, providing a global view of risks and other key drivers in a model.

Custom Reports – For more precise control.

Output Formats - PDF, Excel, Word.

Reproducibility – Standardization is easy. If your model changes, reports can be updated in seconds.



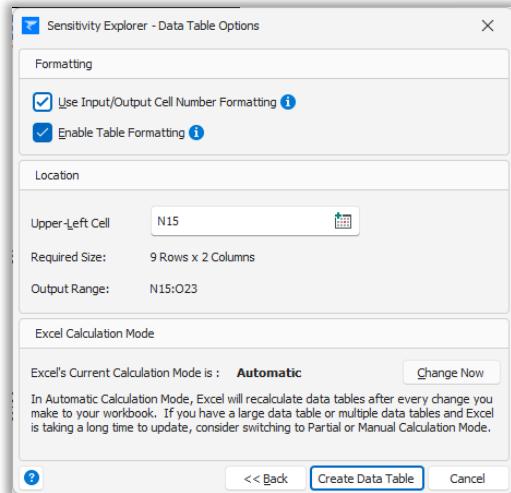
Features - Excel Data Table Creator

All Editions

Excel has its own non-graphical sensitivity analysis feature called “Excel Data Tables.” These are very limited, and notoriously hard to use. Generally, we recommend NOT using them. However, in the cases where they are needed, Sensitivity Explorer offers some significant improvements:

Improved UI – An intuitive user-interface for creating Excel Data Tables rapidly.

Formatting – Sensitivity Explorer adds formatting and labelling to make Data Tables more informative



One-Variable Data Table

DIO	Enterprise Value
input values	output values
89.2	343,011
100.4	322,440
111.5	301,868
122.7	281,297
133.8	260,726

Created using Sensitivity Explorer by Polished Analytics.

Two-Variable Data Table

		Input Values for Sales Price						
		\$ 720.00	\$ 736.00	\$ 752.00	\$ 768.00	\$ 784.00	\$ 800.00	\$ 816.00
Input Values for Device Cost	\$ 162.40	\$ 1,186,189	\$ 1,285,909	\$ 1,385,629	\$ 1,485,349	\$ 1,585,068	\$ 1,684,788	\$ 1,784,508
	\$ 170.52	\$ 1,135,581	\$ 1,235,301	\$ 1,335,021	\$ 1,434,741	\$ 1,534,461	\$ 1,634,180	\$ 1,733,900
	\$ 178.64	\$ 1,084,974	\$ 1,184,693	\$ 1,284,413	\$ 1,384,133	\$ 1,483,853	\$ 1,583,573	\$ 1,683,293
	\$ 186.76	\$ 1,034,366	\$ 1,134,086	\$ 1,233,805	\$ 1,333,525	\$ 1,433,245	\$ 1,532,965	\$ 1,632,685
	\$ 194.88	\$ 983,758	\$ 1,083,478	\$ 1,183,198	\$ 1,282,917	\$ 1,382,637	\$ 1,482,357	\$ 1,582,077
	\$ 203.00	\$ 933,150	\$ 1,032,870	\$ 1,132,590	\$ 1,232,310	\$ 1,332,029	\$ 1,431,749	\$ 1,531,469
	\$ 211.12	\$ 882,543	\$ 982,262	\$ 1,081,982	\$ 1,181,702	\$ 1,281,422	\$ 1,381,141	\$ 1,480,861
	\$ 219.24	\$ 831,935	\$ 931,655	\$ 1,031,374	\$ 1,131,094	\$ 1,230,814	\$ 1,330,534	\$ 1,430,254
	\$ 227.36	\$ 781,327	\$ 881,047	\$ 980,767	\$ 1,080,486	\$ 1,180,206	\$ 1,279,926	\$ 1,379,646
	\$ 235.48	\$ 730,719	\$ 830,439	\$ 930,159	\$ 1,029,879	\$ 1,129,598	\$ 1,229,318	\$ 1,329,038
	\$ 243.60	\$ 680,111	\$ 779,831	\$ 879,551	\$ 979,271	\$ 1,078,991	\$ 1,178,710	\$ 1,278,430

Created using Sensitivity Explorer by Polished Analytics.

Features - Advanced Enterprise Features

Enterprise Edition

The Enterprise edition will include several advanced features for integration, both with other Excel tools and with external applications. (This edition won't be part of the initial release of Sensitivity Explorer).

Calculation Extensions – Integrate Sensitivity Analysis with models that employ Excel's Solver, Goal Seek or VBA macros.

Programming Interface – Use code to integrate Sensitivity Explorer with larger workflows and external tools.

Sensitivity Explorer Available in Beta

If you are doing sensitivity analysis in Excel, you need to try Sensitivity Explorer!

Visit the polished analytics website <https://polishedanalytics.com> to download a fully functional beta. **You can use it for free through August 31st, 2026.**

If you share your feedback with us, you can receive 30% off your first year of subscription when the product is released commercially.

If you're a consultant, talk to us about offering your clients a new standard for sensitivity, stress, and other forms of risk analysis in Excel. Drop us an email at contact@polishedanalytics.com to learn more.

About Polished Analytics

Polished Analytics was founded by Erik Westwig and Mirek Janusz, two friends and long-time colleagues. Together, they have close to 50 years of experience developing innovative solutions for Excel.

Erik and Mirek met at Palisade Corporation, an early pioneer of Excel-based analytical tools, including the widely used simulation package @RISK.



Erik Westwig

Software Architect, President



Mirek Janusz

Software Architect, Chief Operating Officer