

Advanced Report Composer

A modern, interactive browser-based tool that revolutionizes report creation. Build professional reports with drag-and-drop simplicity, eliminating complex backend setups while delivering powerful functionality for business analysts, managers, and developers.

Seamless Data Integration



Upload JSON & Excel

Automatically parse and display data from JSON or XLSX files with intelligent error handling for unsupported formats.



Large Dataset Support

Handle thousands of rows efficiently with built-in pagination and optimized performance.



Real-Time Search

Filter rows instantly with keyword search across all columns for quick data access.

Intuitive Data Management

Paginated Source Table

Navigate large datasets effortlessly with configurable pagination defaulting to 20 rows per page. Clear navigation buttons and page indicators ensure you always know where you are in your data.

Smart Filtering

The integrated search bar enables real-time filtering across all columns, eliminating the need to scroll through extensive datasets. Find exactly what you need, when you need it.

20

Rows Per Page

Default pagination setting

100%

Column Coverage

Search across all data

Drag & Drop Report Building

Powered by SortableJS integration, the composer offers complete control over report composition. Simply drag rows from source to target, reorder them as needed, and remove unwanted entries with ease.

01

Select Source Data

Browse and filter your uploaded dataset

02

Drag to Target

Move rows to build your custom report

03

Reorder & Refine

Arrange rows in your preferred sequence

04

Remove Unwanted Items

Clean up your report with individual row removal

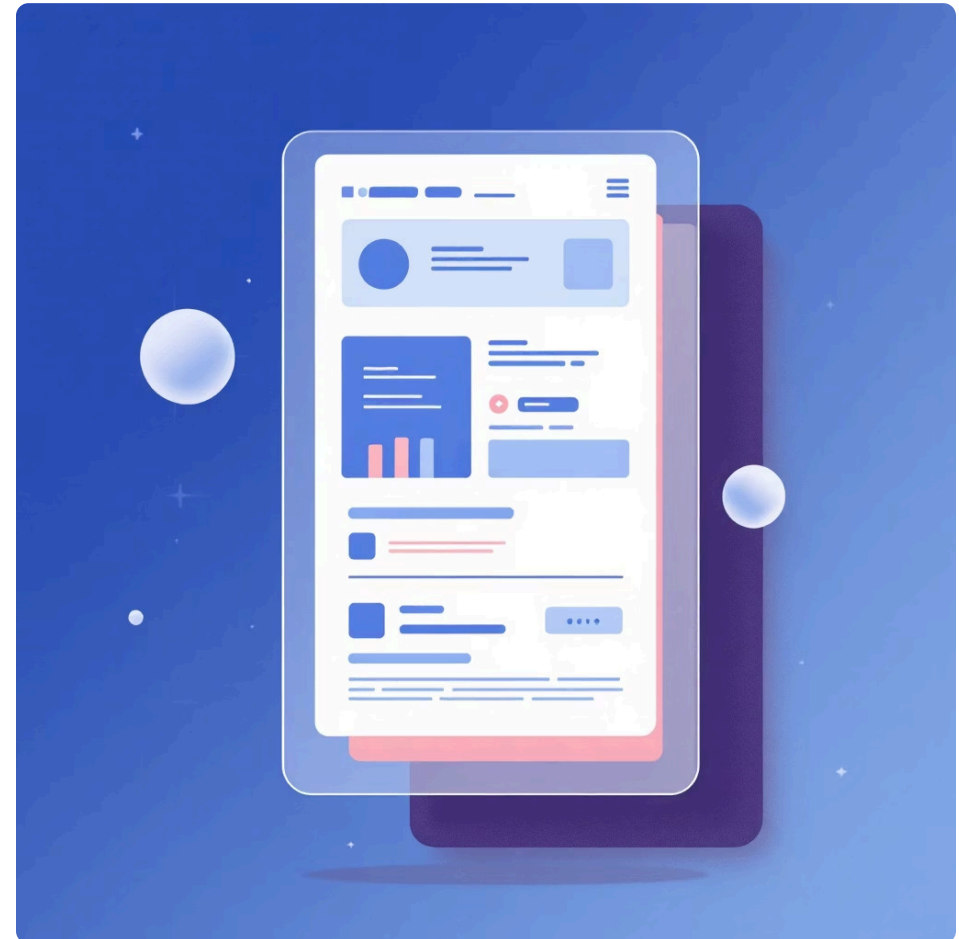
Live Preview & Visualization

Real-Time Updates

The preview panel automatically reflects every change you make—adding, removing, or reordering data. This WYSIWYG approach ensures your final output matches your vision perfectly.

Professional Output

Visualize the final report before exporting, reducing errors and ensuring quality. The live preview serves as your canvas for creating polished, professional reports.



Flexible Export Options



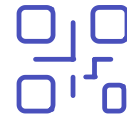
Excel Export

Export to XLSX format with a single click. Structured headers match your source table, ensuring seamless integration with spreadsheet workflows.



PDF Export

Generate formatted PDFs using html2pdf.js with precise A4 layout. Professional styling and table structure maintained throughout.



JSON Export

Preserve original data structure for backend integration, API usage, or system sharing. Perfect for developers and automated workflows.



Direct Print

Print directly from the live preview panel with WYSIWYG accuracy. Compatible with all browser print settings and devices.

Key Advantages



No Backend Dependency

Fully client-side processing works entirely in the browser without server scripts, ensuring privacy and speed.



Ease of Use

Intuitive drag-and-drop interface with immediate live preview reduces errors and accelerates report creation.



Cross-Platform

Responsive layout works seamlessly on desktops, laptops, and tablets with optimized usability across screen sizes.



Dynamic & Interactive

Live updates, pagination, and search capabilities improve efficiency and user experience dramatically.



Scalable Performance

Handles thousands of rows effectively with intelligent pagination and optimized data handling.

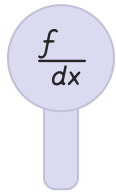
Upcoming Enhancements

The Advanced Report Composer roadmap includes powerful features that will transform it into a complete end-to-end reporting solution for businesses.



Database Integration

Save reports directly to database with auto-created table structures and column type selection.



Custom Calculations

Add formula-based columns with functions like SUM and AVG for advanced analytics.



Conditional Formatting

Highlight rows or cells based on thresholds and custom conditions for visual insights.



Table Merging

Combine multiple source tables into unified target reports for comprehensive analysis.



User Permissions

Role-based access control for viewing, exporting, and editing reports securely.

Technology Stack

Core Technologies

- HTML, CSS, JavaScript for robust frontend
- Inter Font for modern typography
- RemixIcon for consistent iconography

Powerful Libraries

- **SortableJS**: Seamless drag & drop functionality
- **html2pdf.js**: Professional PDF generation
- **SheetJS (XLSX)**: Excel parsing and export



Client-Side Processing

All operations run in the browser for maximum speed and privacy

Modern Libraries

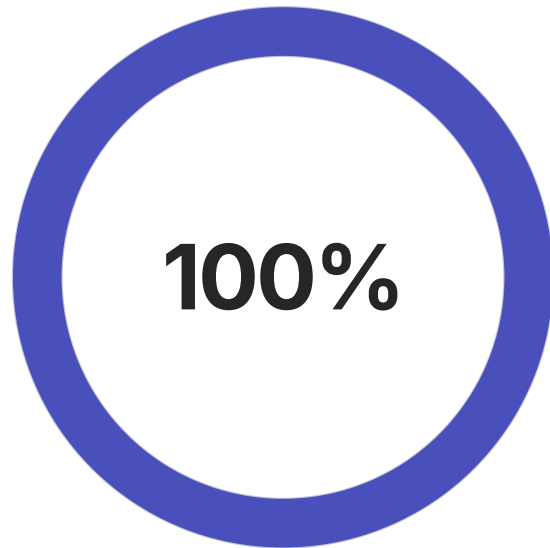
Industry-standard tools ensure reliability and performance

Responsive Design

Optimized for all devices and screen sizes

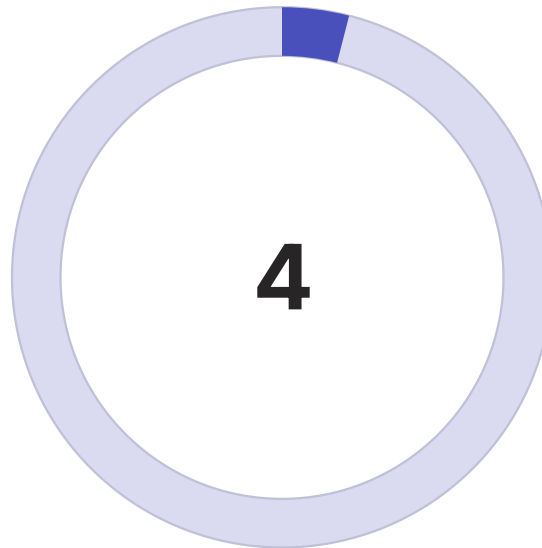
Transform Your Reporting Workflow

The Advanced Report Composer delivers a robust, client-side solution for creating professional reports quickly and efficiently. With drag-and-drop functionality, live preview, multiple export formats, and flexible data handling, it reduces reliance on traditional reporting tools and accelerates data-driven decision-making.



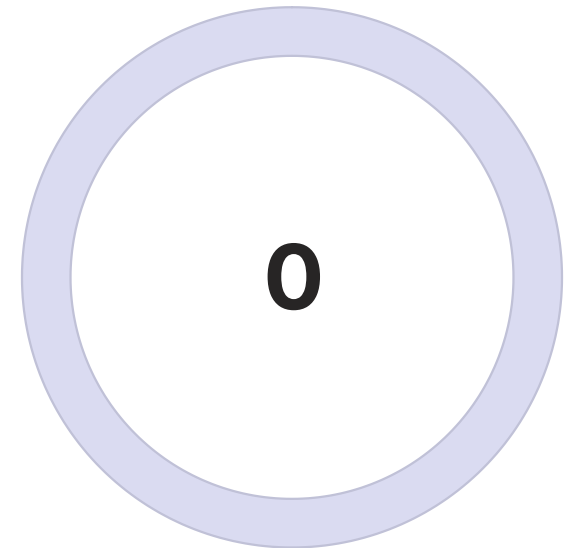
Browser-Based

No installation required



Export Formats

Excel, JSON, PDF, Print



Backend Needed

Fully client-side

Future versions will extend database integration, conditional formatting, and advanced analytics, making it a complete end-to-end reporting solution for businesses of all sizes.