datsugi spark Blueprint

Automating 15–20 courses / day across 5 systems from an Excel file

How we designed everything downstream of the one document that requires judgement, for a training consultancy running fifteen to twenty courses a day.

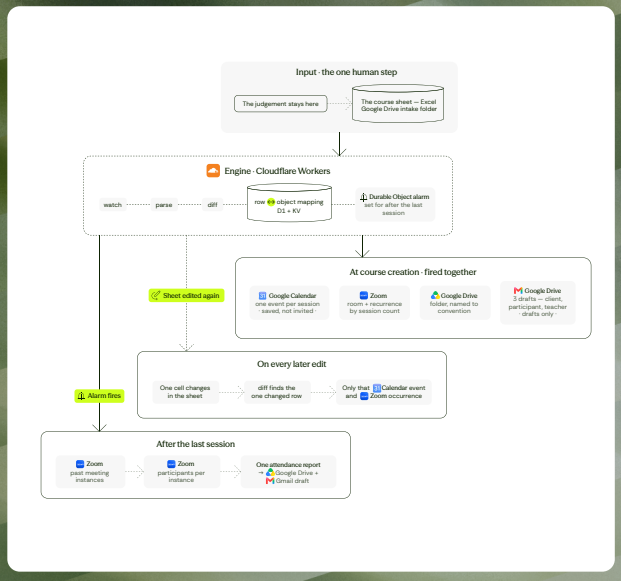
- 15–20 courses / day
- 5 systems from 1 file
- 20–30 hours / month recovered

The consultancy designs and delivers training for staffing agencies. Every course begins as one spreadsheet — course details, calendar, teachers, partners. That sheet is the work. Everything after it isn't. Calendar events per session, a Zoom room with the right recurrence, a Drive folder under the right naming convention, three activation emails, an attendance report rebuilt session by session. Fifteen to twenty courses a day.

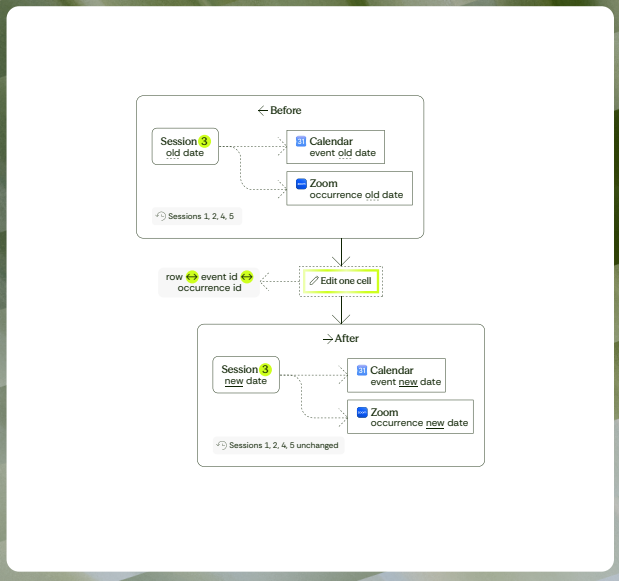
Constraints →←

- Naming conventions that must be exact
- A document nobody wants replaced
- Nothing may reach a third party unreviewed

One file edited.
Five systems updated.



Move one date in one cell.
Everything downstream moves with it.



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Solutions ✓

1 One Trigger, Five Effects

A copy of the sheet lands in an intake folder. From it: calendar events per session, a Zoom room with recurrence derived from total hours, a named Drive folder, three drafted emails, and an attendance report assembled after delivery. The sheet stays the editable document. The automation reads it.

2 It Keeps Working After Go-live

Move one session's date in the cell and the matching calendar event and Zoom occurrence move with it — the system holds the mapping between a row and the objects it created. Events are saved, not invited. Emails stay drafts. The manual path stays walkable.

The Benefits Gained +

- + 20–30 hours a month recovered
- + Naming conventions stop being a human error
- + A session moves mid-course without a rebuild
- + Nobody has to learn a new system

