Spreadsheet to Web App

Drupal for your Data
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What’s in your spreadsheets?
Advantages of Spreadsheets

- Easy to update
- Fast to create
- Understood by office workers
- Universal export format (csv)
- Easy to do calculations
When Spreadsheets Go Bad

- Critical to organization
- Calculation mistakes
- Inconsistent data formatting
- Software incompatibility
- Easy to make mistakes
Advantages of Database-driven Web Applications

- Consistent validated data formats
- Change history
- Integration with other services
- Full programming power for automation, reporting
- Handle large datasets
- Variable access control
- Integrate with file management
Downsides of Web Apps

- Harder to create
- Require maintenance for security
- Require hosting
- May require training
- Need user logins
When is it time to switch to a web app?

- Critical data
- Large dataset
- Opportunity for cost-saving automation
- Access control levels needed
- Longer form text, comments, or document integration needed
Why Drupal for data?

- Fast and easy to build data model
- Views for fast report building
- Flexible user roles & permissions
- Easy to extend with custom code