

# Using Google Sheets to Create Data Dashboards

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## General materials

- [Google Drive folder with all presentation materials and sample files](#)
- [Slides presentation file](#)
- [How are you doing today? dashboard](#) (*maroon tab*)

## Continuous Learning

- [Google Certified Educator Level 1 and Level 2](#)
- [G Suite Updates Blog](#)
- [Applied Digital Skills Curriculum](#)
- [The Collins School of Data](#) - FREE Advanced Formulas - 30 Day Challenge
- [SheetsCon](#)
- [Google Sheets Facebook Group](#)
- Google Sheets Channels on YouTube
  - [Flipped Classroom Tutorials](#) (Beginner)
  - [Learn Google Spreadsheets](#) (Intermediate/Advanced)
- Follow [@AliceKeeler](#) and [@JakeMillerTech](#)

## Use case 1 - The workflow dashboard

Beginner skill (*purple tabs*)

### Resources

- [Coach Workflow](#)
- [Admin Workflow](#)

### Skills

- [Filtering and sorting data](#)
  - [Conditional formatting](#)
  - [Add a link to a Sheets cell](#)
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## Use case 2 - Item analysis dashboard (the automated practice test)

Advanced skill (*orange tabs*)

### Resources

- [Sample Google Form with quiz](#)
- [Sample data dashboard](#)
- [Autocrat to email PDFs](#)
- [How we built an automated practice test blog post](#)

### Sheets Skills

- [The quiz feature](#)
  - [IF](#), [IFS](#), and [IFERROR](#)
  - [COUNTIF](#)
  - [COUNTA](#)
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## Use case 3 - Student retention dashboard

Intermediate skill (*green tabs*)

### Resources

- [Sample data dashboard](#)

### Sheets Skills

- [Sum formula](#)
  - [Vlookup](#) to pull in data from another tab
  - [Filtering and sorting data](#)
  - Adding [checkboxes](#)
  - [Conditional formatting](#)
- BONUS
- [ArrayFormula](#)
  - [IFNA](#)

## **Bonus tip - Transpose to more easily view Form responses**

*Intermediate skill (**blue** tabs)*

### **Resources**

- [Sample class survey](#) - Giving students voice in program design.
- [Viewing responses in Google Sheets](#)

### **Skills**

- [Create questions in Google Forms](#)
- [Viewing responses in a Spreadsheet](#)
- [Conditional drop down data validation](#)
- [TRANSPOSE data in Sheets](#)