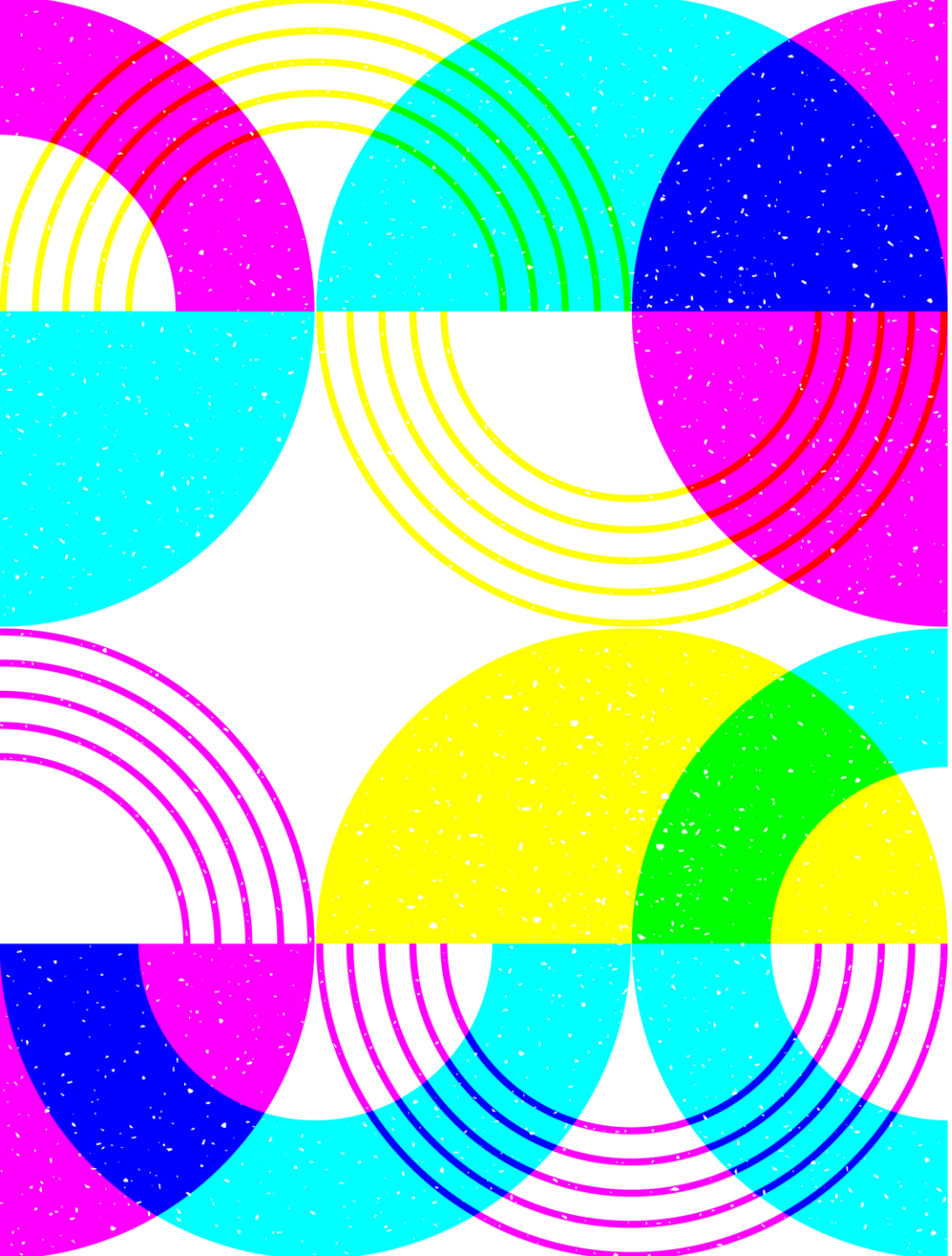


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DistrictPulse: Data Analytics for Qmlativ

With ERP Data Sneak Peek*

Brad Evenson – Product Manager
Josh Pozorski – Solutions Engineer

Agenda

- Opening questions
- What is DistrictPulse?
- How does it work?
- Who is this for?
- Key Benefits
- Datasets
- Demo!!
- Future Enhancements & Research
- How do you get started?



What questions are important to you at your District?

How do you currently use data to answer those questions?

Qmlativ’s options for working with Data



What is DistrictPulse?

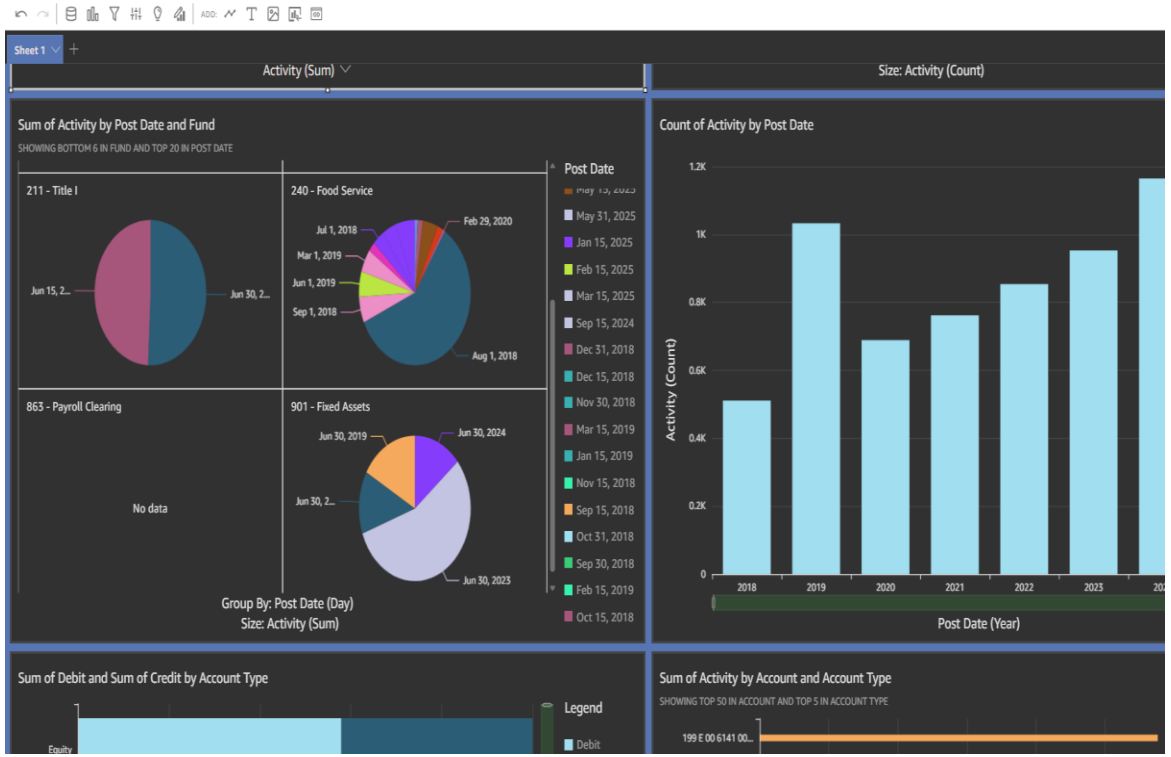
- DistrictPulse is a Licensed Product for Qmlativ.
- Cloud-scale Business Intelligence (BI).
  - Amazon Web Services (AWS) QuickSight.
- Allows easy visualization of data from Qmlativ.
- Answer questions at your district.



Why did we create DistrictPulse?

- To give Districts a powerful, secure, easy-to-use solution to quickly and efficiently answer questions with their data.
  - *Targeted, Data-Driven Decision Making.*
  - *Visualizing Trends Year-Over-Year.*
  - *Identify and React to Data Efficiently.*
  - *Sharing Effectively.*
  - *Flexible Robust Data Options.*
  - *Customizable.*
  - ***Time Saving!***

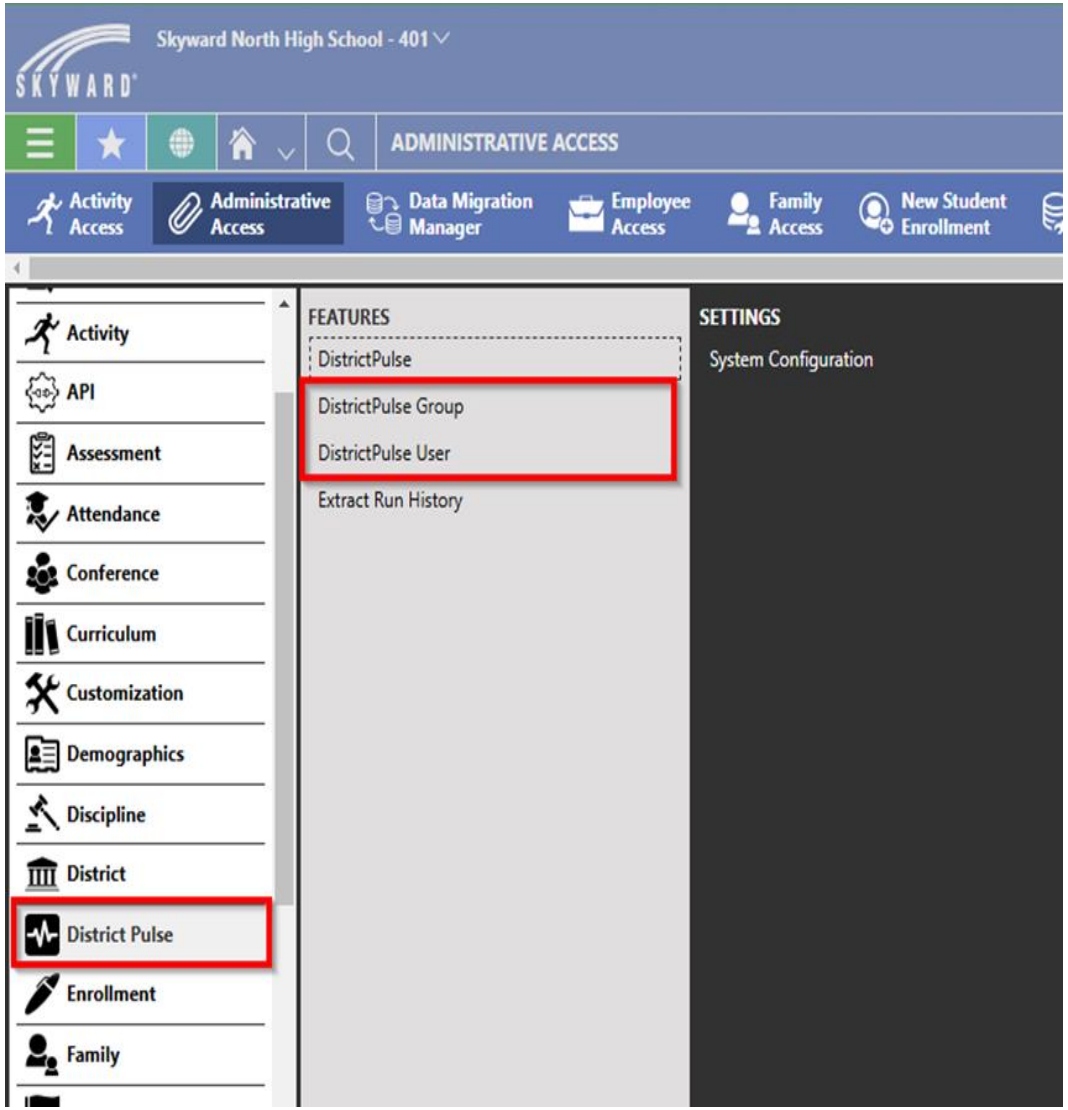
How does DistrictPulse work?



- Nightly Extraction of Data.
  - *Datasets are based on the Modules in Qmlativ.*
- Secure Data Transfer to Cloud Infrastructure.
- Data Flattened for Analytics.
- Data Available for use in Visuals.
  - *Create your own.*
  - *Utilize Pre-built options.*
  - *Mix and match what you need.*
- Share Dashboards.

Who is this for?

- Anybody who can use data to help them make decisions.
  - *Users and Groups easily managed within the DistrictPulse Module in Qmlativ.*
- Two types of users for DistrictPulse:
  - ***Authors** – Can create, modify, and share dashboards with Groups and individual users.*
  - ***Readers** – Can interact with dashboards that have been shared with them or groups they have are a member of.*
- Groups:
  - *Any number of Authors or Readers.*
  - *Dashboards can be shared with Groups instead of individual users, making it easier to share your data.*
  - *Any number of Groups.*



Key Benefits of DistrictPulse

- **Tight Integration with Qmlativ**
  - *DistrictPulse integrates directly with Qmlativ, eliminating the need for data to be shared with a separate vendor. This is YOUR DATA, accurately represented.*
- **Enhanced Security**
  - *The security you define in Qmlativ carries over to your data in DistrictPulse, ensuring your users can only access data they are authorized to view, providing peace of mind with compliance and data privacy regulations.*
- **User-friendly Interface**
  - *Designed with Educators in mind, DistrictPulse features an intuitive interface that simplifies the process of creating visuals, as well as interacting with and navigating dashboards.*
- **Pre-Built Dashboards/Visuals**
  - *DistrictPulse has a collection of pre-built options that are available immediately, allowing you to quickly start visualizing your data, or giving you a starting point for building your own custom dashboard.*

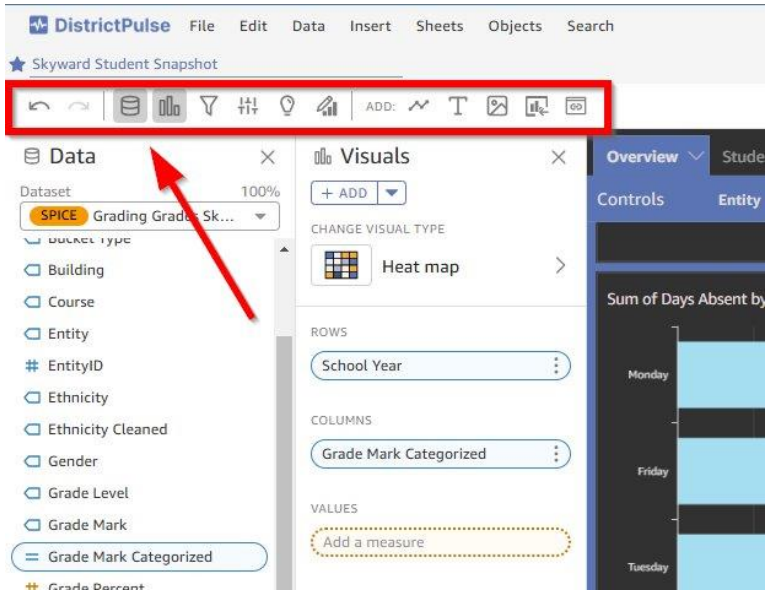
Datasets

- Student
  - Attendance
  - Activity
  - Assessment
  - Discipline
  - Enrollment
  - Gradebook
  - Grades
  - Log-in History
  - MTSS
  - Module Usage History
  - Section
  - Student Demographics
- Business (In Testing)
  - Employee
  - Employment
  - Account
  - Account Activity
  - Position
  - Assignment
  - Log-in History
  - Module Usage History

Demo

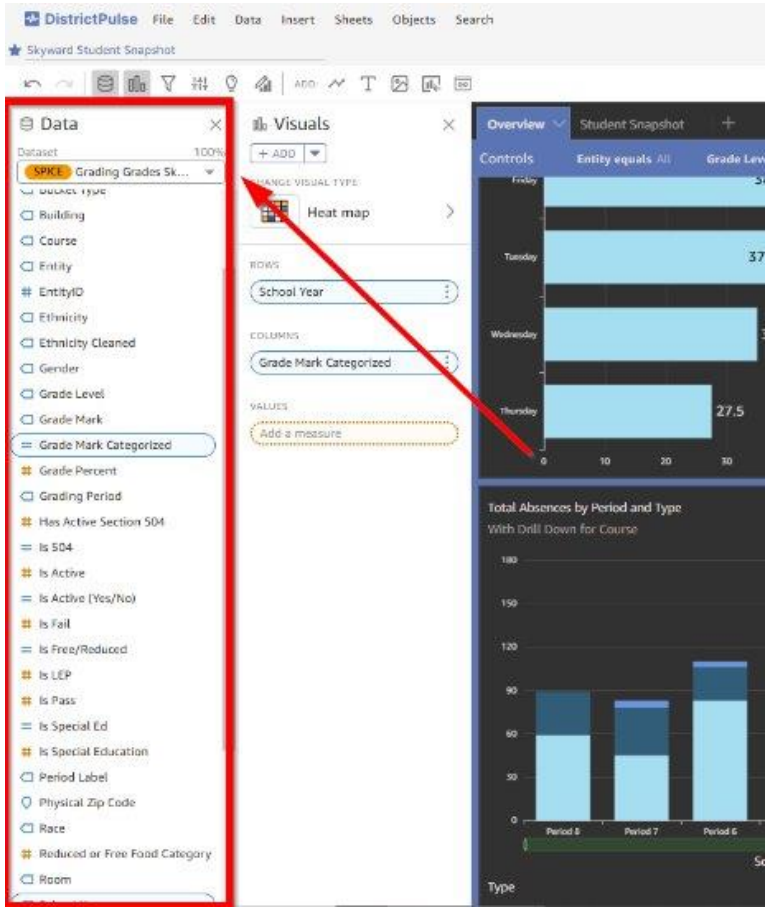
Author Toolbar

- Tools available in an Analysis to help Authors build Dashboards.
  - *Datasets*
  - *Visualize*
  - *Filter*
  - *Parameters*
  - *Insights*
  - *Properties*
  - *Add Visual*
  - *Add Text*
  - *Add Image*
  - *Import*
  - *Add Custom Content*



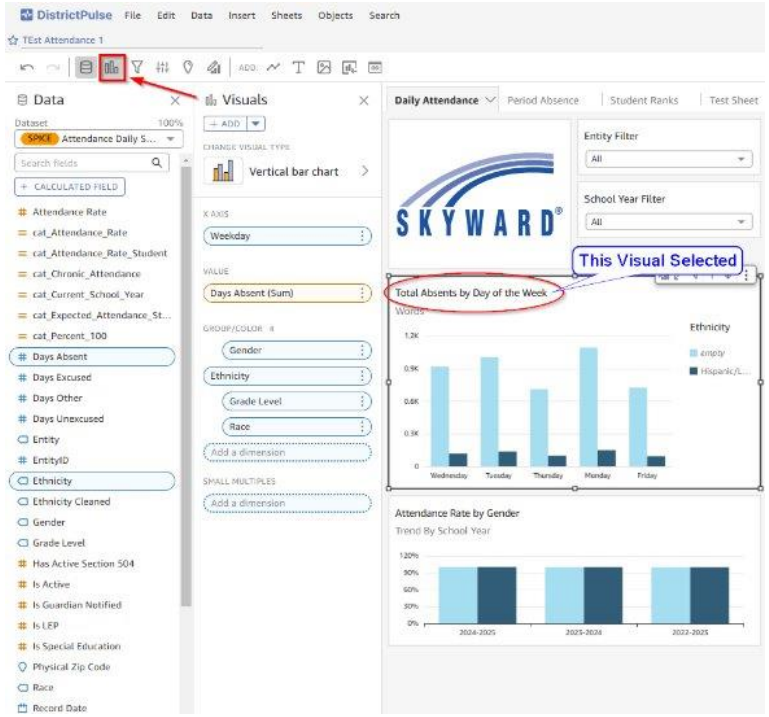
Datasets

- Authors can select fields from Datasets to build visuals.
- Built based on modules within Qmlativ.
- Multiple datasets on the same dashboard.
- Can add calculated fields to the dataset for visuals.



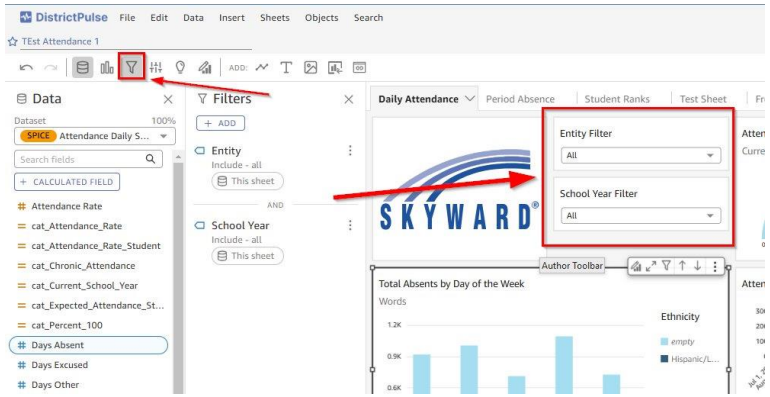
Visualize

- Add, build, and select fields for visuals.
- Selects visual type or Auto-graph.
  - *Auto-graph allows you to select fields without a visual type and will automatically build a visual based on those selections.*
- Click and Drag Fields for creation.



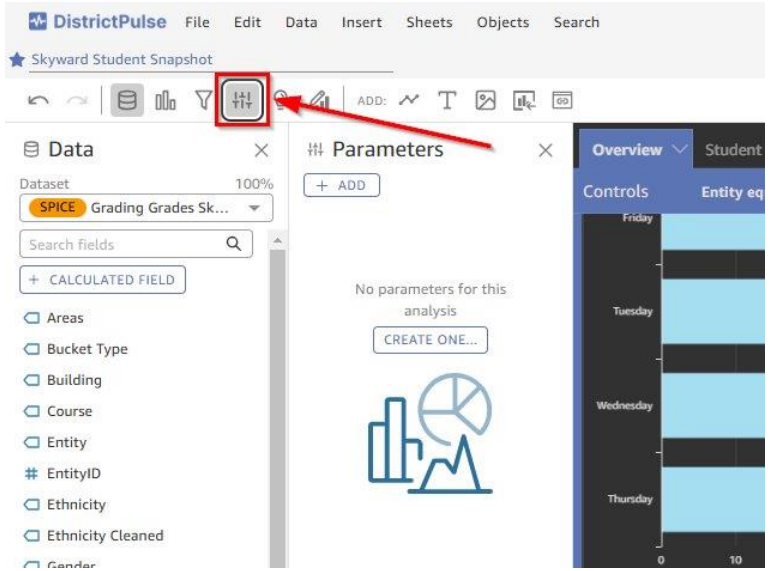
Filter

- Filters Limit Data you can see.
  - *Individual Visuals*.
  - *Individual Sheets*.
  - *All Sheets on Dashboard*.
- Any Field in the Dataset can be used.
- Options change with field type.
- Filters can apply across datasets if field is shared.
- Controls for filters:
  - *Static options that are hidden*.
  - *Can be added to top of a dashboard*.
  - *Can be put within the dashboard*.



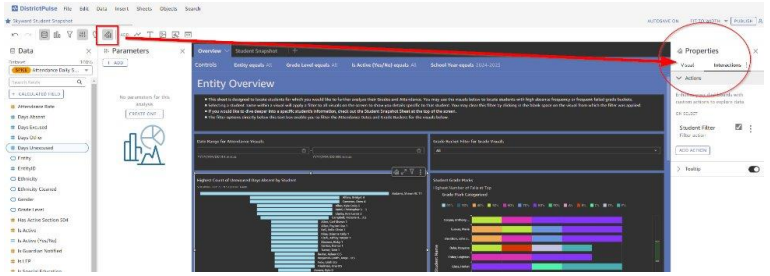
Parameters

- Variables that can transfer a value through interactions or objects.
- Parameters connect to something in your analysis to be used in:
  - *Calculated Fields*
  - *Filters*
  - *Dashboards URL's*
  - *Actions*
  - *Titles/Descriptions*



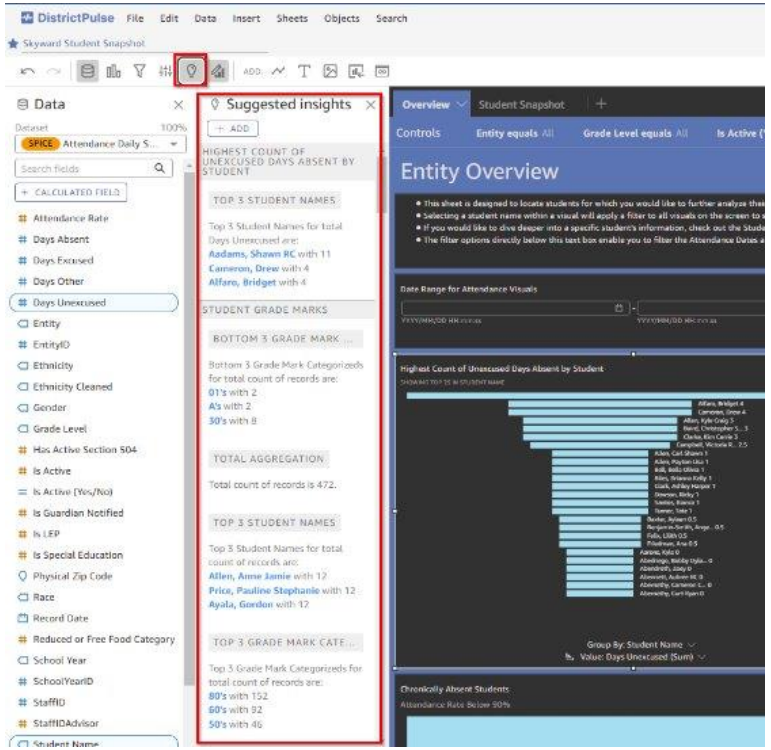
Properties

- Two options:
  - Visual
    - *Changes settings for fonts, labels, titles, colors, reference lines, legends, etc. for individual visuals.*
    - *Different options based on visual type.*
  - Interactions
    - *Adding options for users to interact with data by clicking on visuals, or the data within.*
    - *Can filter, navigate to other sheets, or to a URL.*
    - *Can be used with Parameters.*



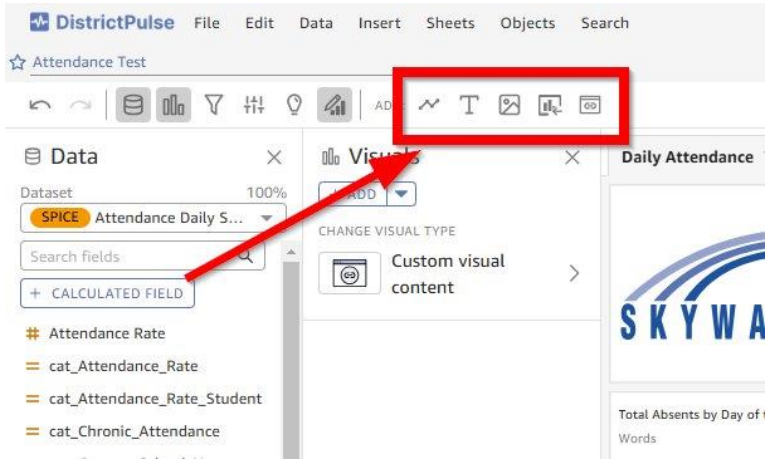
Insights

- Ready-to-use Analytical Computations you can add to your analysis.
- Two Types:
  - Suggested
    - *Autogenerated list of options based on DistrictPulse's interpretation of your data.*
  - Custom
    - *Can use your own words to add context to fields that you select, and add calculations, additional fields, parameters, and text formatting.*



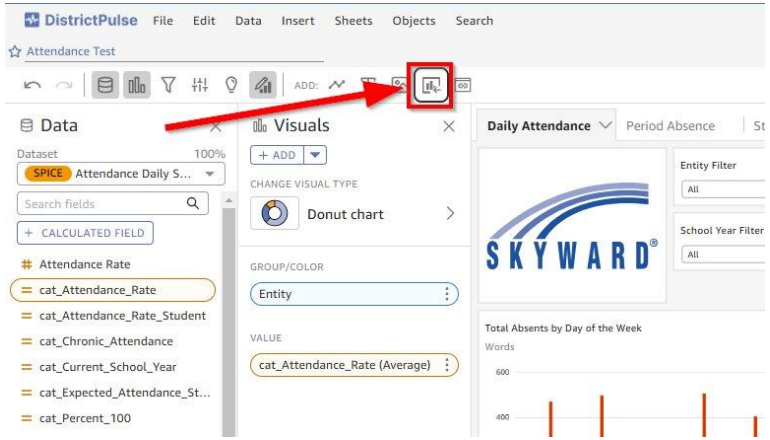
Add Visual/Text/Image/Custom Content

- **Add Visual**
  - *Another way to add a a visual to an analysis in addition to the "Visualize" tab.*
- **Add Text**
  - *Can add a Text box to an Analysis.*
- **Add Image**
  - *Selects a saved image to add as a visual.*
- **Add Custom Content**
  - *Add a URL to embed a video, survey, or other content.*



Import

- Can select Visuals from other Analyses or Dashboards to add to your current analysis.
- Able to select multiple visuals at once from the same source.
- Dependencies for selected visual will import along with the visual such as:
  - Datasets
  - Parameters
  - Calculated Fields
  - Filters
  - Visual Properties
  - Conditional Formatting Rules



Other Customization

- **Themes**
  - Included themes or ability to make custom themes for custom colors on your dashboards.
- **Sheets**
  - Able to add additional pages/tabs to your dashboard.
- **Layouts**
  - Snap to grid, or freeform options are available.
- **All visuals are resizable**.

Pre-Built Dashboards

- Available for “Authors” Group at each site.
- Refresh nightly – permissions maintained.
- Authors responsible for sharing to Readers/Groups.
- Import Feature is available for Authors to use.
- Authors can save these as an Analysis if they would like to make a clone to modify.

Future Enhancements/Research

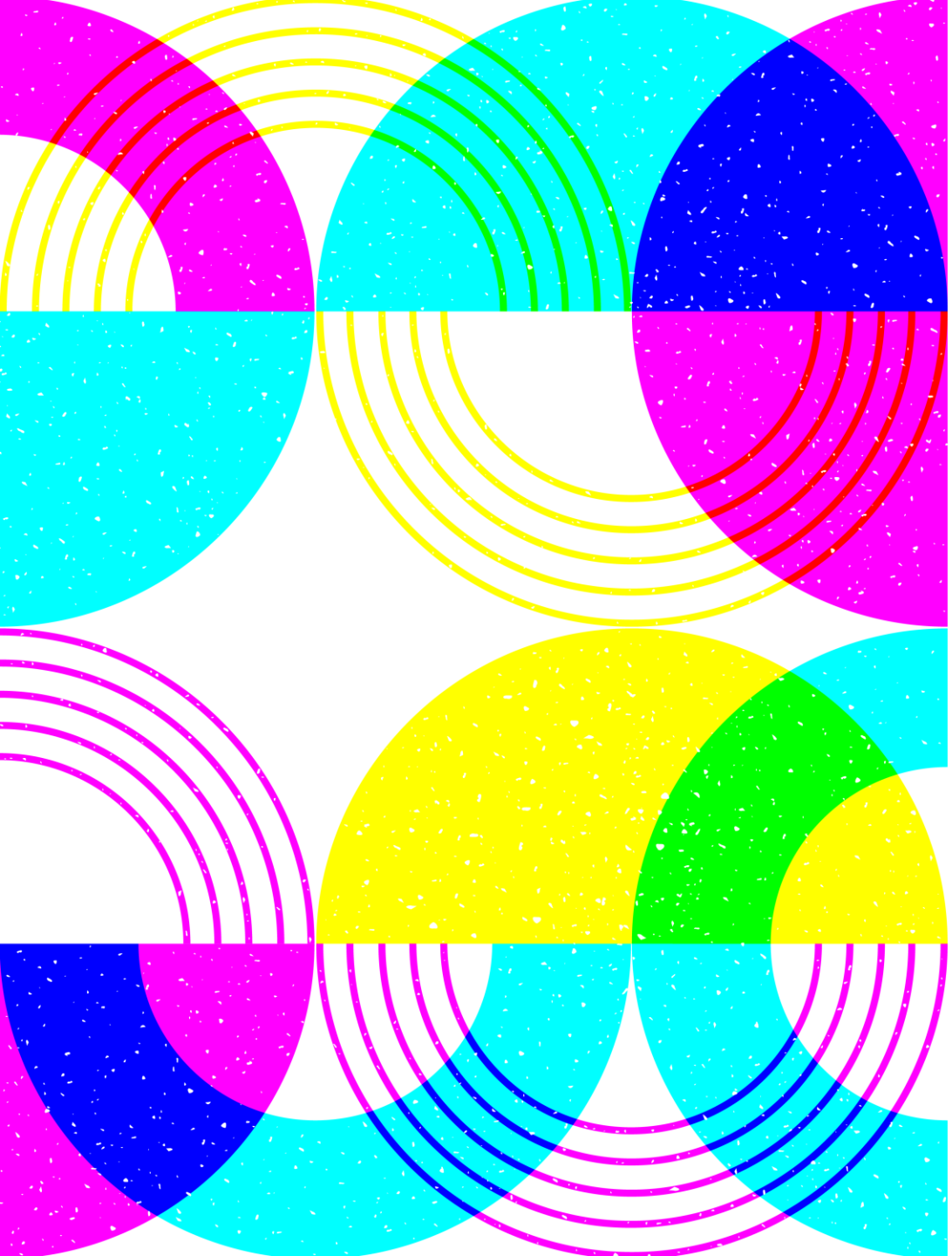
- Author Pro Functionality ***In Testing Currently***
  - Author AI tools for:
    - Assistance in Building/Modifying Visuals
    - Calculated field building
    - Stories (Executive Summary Builder)
    - Topics (mini chatbot embedded into dashboard)
- Import Data from a 3rd party or external source.
  - Allowing importing of data from a spreadsheet or other source.
  - Some limits currently with Strings vs. Integers, security.
- Dataset Builder in Qmlativ
- **More Datasets!**

How do you get started?

- www.skyward.com/DistrictPulse
- Talk with your Account Executive for more information!



Q & A



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thank you!