



Rapid Insight Virtual User Event

2026 Year in RIVUE



Three Goals for Today



Elevate

your product knowledge and fluency through real partners' stories and technical training



Innovate

the Rapid Insight platform—and the ways you use it—through a walkthrough of new product features



Celebrate

your big and small wins with Rapid Insight at your institutions

Whether you are new to Rapid Insight or a long-time user, we believe this opportunity to gather, share, and learn will benefit your data and analytics practice.

Your Rapid Insight Team



Lily Brennan
*Strategic Leader,
Data and Analytics*



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*Managing Director,
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*Technology Account
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*Senior Director,
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Lily Weisblatt
*Senior Associate,
Technology Partner
Support*



Katerina Chan
*Director, Technology
Partner Experience*

- 1 Partner Showcase
- 2 Q&A Breakouts
- 3 Deep Dive Technical Training: The Transform Node
- 4 Product Roadmap: Rapid Insight in 2026
- 5 Wrap-Up

What topic(s) are you most excited to dig into today?



- Partner use showcase
- Discussion with data & analytics peers
- Building technical skills in Construct
- Product roadmap and walkthrough of new features



Partner Showcase

Real Insights from Peers

A decorative graphic at the bottom of the slide consists of several overlapping, wavy bands in shades of teal and light blue. A dotted line of small white dots follows the upper edge of these waves, extending across the width of the slide.

2

Meet Our Partner Presenters



Bliss Adkison

University of West Alabama



Austen Cosby

University of West Alabama



Rachel Davies

Yale University



Dan Grazynski

Fairfield University



Jamie Kifferly

Rowan University



Matt Rehbein

Lipscomb University



Yale University

Subroutines in Construct: Introducing Modular Design and Taming Complex Jobs

Yale University

Background



New Haven, CT
Established 1701



6,600+ undergraduates
9,000+ graduate and
professional students



Currently nearing the
end of a multiyear
fundraising campaign



Rachel Davies

Assistant Director,
Data Analytics,
Prospect
Development



Quick Intro to Rachel

or, how I came to this job and using Construct



I came to this job after leaving a PhD program in Astronomy

- I was used to writing and debugging code



My new supervisor introduced me to Construct

- Drag and drop interface instead of writing code? Magical!
- Why did no one tell me this existed before?!



I use Construct all the time in my work

- Love the reusability and reproducibility
- Love for testing and prototyping
 - Even for projects where the final product will be built using different software (like Power BI)

But I'm here to talk about Subroutines, so let's get on with that . . .



Challenges

Or, when can subroutines be useful?



1. Perform the same data task repeatedly (processing, cleaning, etc)
 - Especially for multiple projects



2. Project involves multiple inputs
 - Each requires pre-processing before doing the task that you're **actually** trying to accomplish



3. Construct job is large and complicated
 - Want to hide some of that complexity
 - Make it easier to follow what's happening



4. You want to be more modular in the design of your Construct jobs

My examples today will focus on #1 and #2.

Hopefully along the way you will see how they apply to #3 and #4 as well.



Use Subroutines!

- ▶ **Basic structure of a subroutine:**
 - Input
 - The meat of the job: nodes doing the tasks you need
 - Output

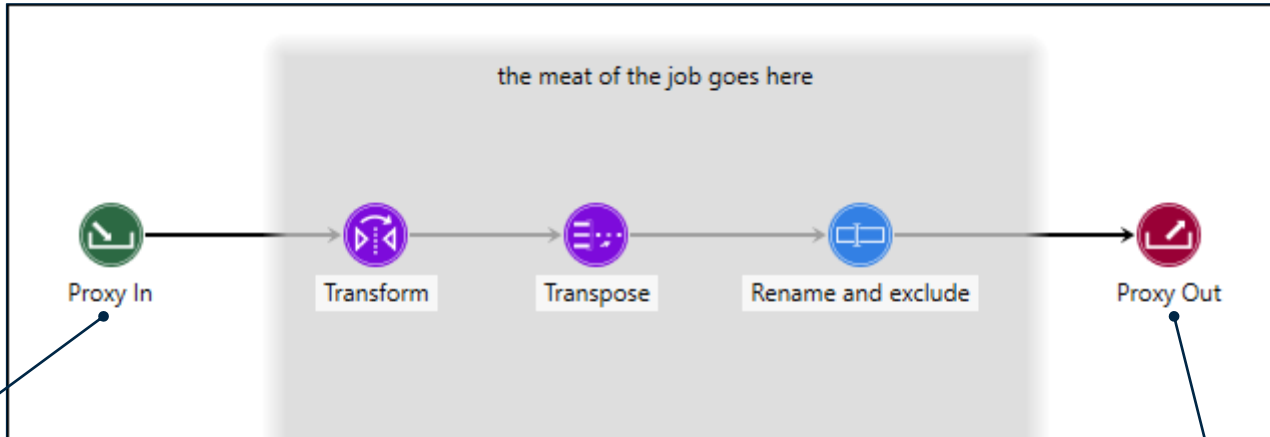


Use Subroutines!

- ▶ **Basic structure of a subroutine:**
 - Input: **Proxy In node**, which brings input from the main Construct job
 - The meat of the job
 - Output: **Proxy Out node**, which sends your output back to the main Construct job

Subroutines Up Close

Screenshot of a basic subroutine



Proxy In node brings in fields/columns from your main Construct job


Proxy Out node sends output fields/columns back to your main Construct job

Example 1: Employment Data in Our Donor Database

Our donor database has some quirks

- Main place to find current employer = first line of business address
 - but lots of actual street addresses there as well!
- If we want employment data, we have to clean out street addresses and keep employer names

Project 1

- Needed employment data
 - Used Construct to clean out street addresses
-  Key: put address cleaning steps into a subroutine to keep the main Construct job uncluttered


Fast forward a few months to . . .


Project 2

- Needed employment data
- Wait . . . haven't I done this before? Yes!
- Copy existing subroutine, plug into current Construct job, tweak a little, and voilà! Done!
 - and in a fraction of the time 😊

Reusing a subroutine

some tweaks may be necessary

-  Make sure **input column names** and **data types** match what subroutine needs

 Pro Tip: It is **much easier** to rename your input columns to match what the subroutine already uses, than to change every instance of a name inside the subroutine job itself

You can always rename items again (back to original names) once they come out of the subroutine, if necessary for your further processing

Example 2: Engagement Score

The Background

The ELI Score



In-house engagement score

Calculated based on a variety of data pulled from our database for all living constituents.



Used by Development staff

Segment, prioritize, optimize.



Developed before I arrived

My supervisor developed the score and calculated it using Construct.

Once I started, yearly updates were turned over to me.



ELI Score

- E = Engagement with university
- L = Likelihood to give
- I = Immersion (deeper connections to university)



Example 2: Engagement Score

Streamlining the Process

How to make the process more efficient?



Original process used multiple Construct jobs

- Had to be run in a particular sequence
- Each produced its own output file, which had to be fed to the next Construct job



Created one master Construct job to run everything

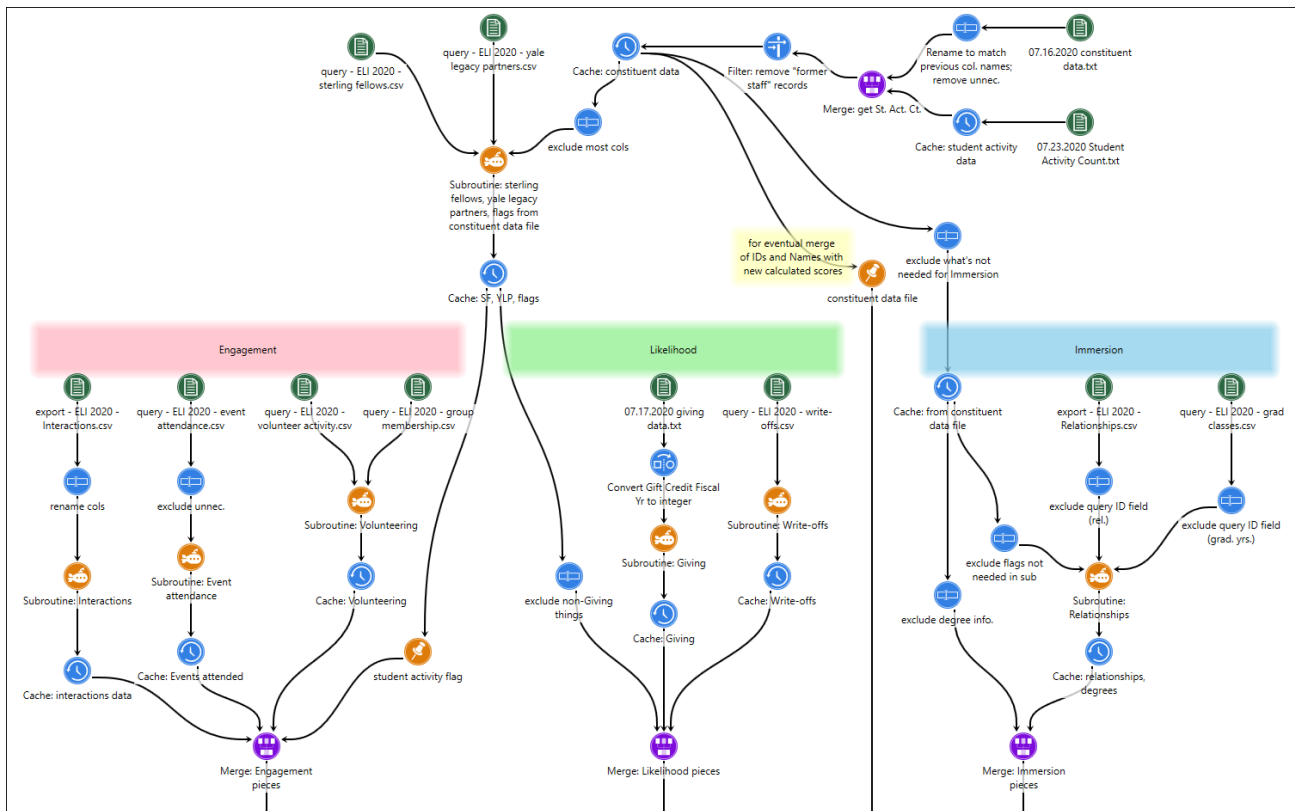
- Takes in all input datasets
- Feeds each through the appropriate subroutine for cleaning and preprocessing
 - Each subroutine outputs only the values needed for final score calculations
- Takes all subroutine outputs, finishes additional processing steps, and calculates final engagement scores
 - Including converting raw points to a 5-star scale



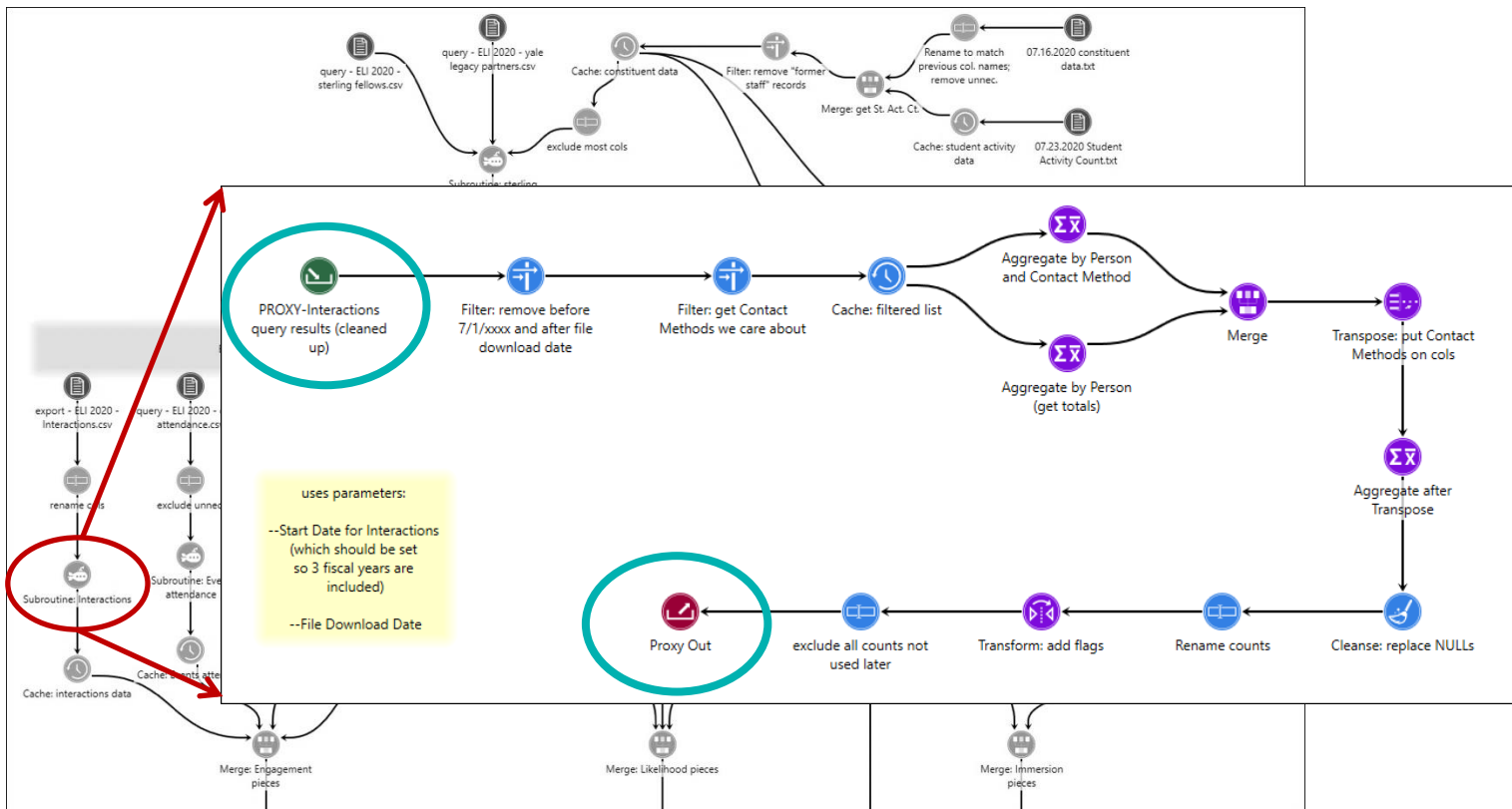
All the things!

- At the high point, my master Construct job took in **12 input files** and used **7 subroutines**
- Current version has 11 input files and 5 subroutines
 - in 2024 the factors included in the score were reduced, which also simplified the Construct job

Example 2: Engagement Score



Detail of a Subroutine



Impacts: Using Subroutines in Construct



Reusability



Efficiency



Change in Thinking: Modular Design



University of West Alabama

Automating Complex Reporting Process with Rapid Insight and Edify

University of West Alabama

Background



Public University in
Livingston, AL



7,165 total students
(Fall 2025)

Fast Facts

- Established as a teachers' college
- 17:1 student-to-instructor ratio
- 89% of students receive financial aid
- 67% of faculty hold the highest degree in their discipline



Bliss Adkison

Dean of
Institutional
Effectiveness and
Strategic Planning



Austen Cosby

Data Analyst

THE UNIVERSITY
OF
WEST ALABAMA
1835

Time-Consuming Reporting

Reporting to the Alabama Commission on Higher Education (ACHE)

ACHE Reporting's Challenges

- Over 20 hours of data mining and running legacy system reports to complete surveys
- Inconsistency with reporting
- Limited personnel could submit report
- Data dictionary alignment to State
- Turnover in personnel
- Years since past review of terms
- Use of Business Objects and Access to report

The screenshot displays a Microsoft Access database window titled 'ACHE Database Extra...'. The interface includes a 'Query Panel' on the left with a tree view of database objects, a 'Result Objects' pane at the top right showing selected fields, and a 'Query Filters' section. The main area shows a 'Data Preview' of a table with the following columns: Key, Student ID, Reporting Term, ST010, ST020, and ST030. The table contains multiple rows of data, with the first row highlighted in red.

Key	Student ID	Reporting Term	ST010	ST020	ST030
0438022*2023SP	0438022	2023SP	001024	234311558	1980021
0429746*2023SP	0429746	2023SP	001024	234411984	1993110
0431530*2023SP	0431530	2023SP	001024	237476228	1984061
0427894*2023SP	0427894	2023SP	001024	237623653	1985072
0420522*2023SP	0420522	2023SP	001024	237674470	1986092
0411023*2023SP	0411023	2023SP	001024	237696906	1990980
0415018*2023SP	0415018	2023SP	001024	237731058	1991112
0427869*2023SP	0427869	2023SP	001024	238339520	1980062
0429862*2023SP	0429862	2023SP	001024	238372297	1982032
0280828*2023SP	0280828	2023SP	001024	238430630	1970122
0417858*2023SP	0417858	2023SP	001024	238534065	1983082
0336690*2023SP	0336690	2023SP	001024	238572277	1971122
0431403*2023SP	0431403	2023SP	001024	238795533	1994061
0408543*2023SP	0408543	2023SP	001024	238970357	2001052
0429276*2023SP	0429276	2023SP	001024	238994199	2002020
0438879*2023SP	0438879	2023SP	001024	239670306	1987102
0431921*2023SP	0431921	2023SP	001024	239807375	1998073
0333971*2023SP	0333971	2023SP	001024	240471796	1985020
0440226*2023SP	0440226	2023SP	001024	240593988	1973071
0342912*2023SP	0342912	2023SP	001024	240611249	1984012
0362248*2023SP	0362248	2023SP	001024	240653778	1989102
0393535*2023SP	0393535	2023SP	001024	240754443	1992110

Previous Tool: BusinessObjects (Colleague)

ACHE reporting was complex, difficult to maintain, and required manual effort.



Automating ACHE Reporting with Rapid Insight + Edify

UWA updated **over 1,600 data quality reports** into a scalable, automated workflow in Construct



Ingest Data

Ingested relevant data into the **Edify** Build Zone



Export

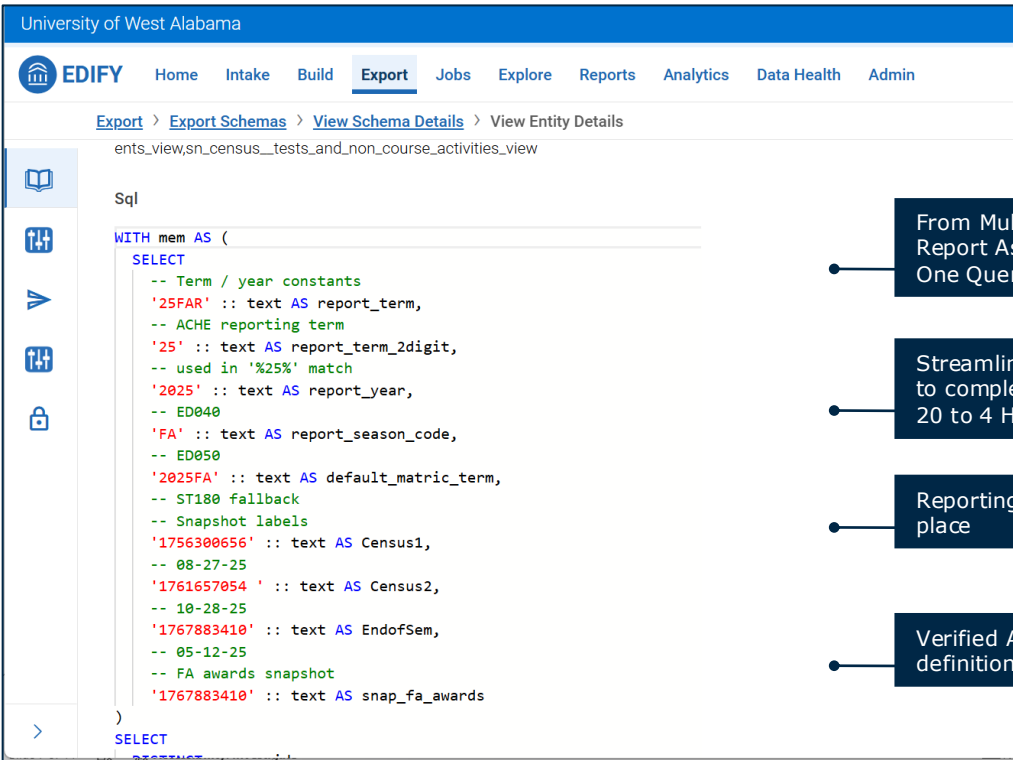
Created an export for ACHE reporting



Construct

Pulled exports into Construct to automatically fix data types and establish required ACHE formatting

Step 1: Streamlined Reporting in Edify and Construct



The screenshot displays the Edify system interface for the University of West Alabama. The navigation menu includes Home, Intake, Build, Export, Jobs, Explore, Reports, Analytics, Data Health, and Admin. The current page is 'View Entity Details' for the entity 'ents_view,sn_census__tests_and_non_course_activities_view'. The main content area shows a SQL query:

```
Sql
WITH mem AS (
SELECT
-- Term / year constants
'25FAR' :: text AS report_term,
-- ACHE reporting term
'25' :: text AS report_term_2digit,
-- used in '%25%' match
'2025' :: text AS report_year,
-- ED040
'FA' :: text AS report_season_code,
-- ED050
'2025FA' :: text AS default_matric_term,
-- ST180 fallback
-- Snapshot labels
'1756300656' :: text AS Census1,
-- 08-27-25
'1761657054' :: text AS Census2,
-- 10-28-25
'1767883410' :: text AS EndofSem,
-- 05-12-25
-- FA awards snapshot
'1767883410' :: text AS snap_fa_awards
)
SELECT
```

From Multiple
Report Aspects to
One Query

Streamlined hours
to completion-from
20 to 4 Hours

Reporting all in one
place

Verified ACHE
definitions

Step 2: Create an Edify Export for ACHE

The screenshot displays the Edify SQL Editor interface within the University of West Alabama system. The top navigation bar includes the Edify logo and menu items: Home, Intake, Build, Export, Jobs, Explore, Reports, Analytics, Data Health, and Admin. The current page is titled "Export Editor" and shows a breadcrumb trail: Export > Export Schemas > View Schema Details > Export Editor. A timestamp "01/13/2026 09:05:04 AM" is visible in the top right corner.

The main content area is titled "SQL Editor" and includes a "Query Assist" button. Below the title, there is a message: "Press Alt + F1 for Accessibility Options in the editor." The editor is divided into three sections on the left: "Select Zone" (with a dropdown menu showing "Intake"), "Select Schema" (with an empty dropdown), and "Search Entities" (with an empty search box). The main editor area displays a SQL query with line numbers 74 through 96:

```
74  regexp_replace(  
75  regexp_replace(  
76  namehist.name_history_last_name,  
77  '[^a-zA-Z0-9-]',  
78  '' ,  
79  'g'  
80  ),  
81  '' ,  
82  '' ,  
83  ) as "ST070",  
84  regexp_replace(  
85  name_hist_first_name.name_history_first_name,  
86  '^[^w]+',  
87  '' ,  
88  ) as "ST080",  
89  regexp_replace(  
90  nullif(  
91  name_hist_middle_name.name_history_middle_name,  
92  ''  
93  ),  
94  '^[^w]+',  
95  '' ,  
96  ) as "ST090"
```


Impact to UWA Processing

Streamlined Reporting



Old Process

- Long processing hours-20 hours
- Limited transparency
- Difficulty validating queries

1 →
Cut Down Hours to Completion

2 →
Increased Transparency

3 →
Build Consistency in Reporting Process



New Process

- 4 Hours to process
- Transparent queries all in one place through export
- Definitions validated through queries in Edify
- Validations are consistent in Construct



Lipscomb University

Building a Data-Informed Culture

Lipscomb University

Background



Private Not-for-Profit in
Nashville, TN



4,917 students
(Fall 2025)



85% retention rate and
71% graduation rate

Points of Pride



Lipscomb has been a Rapid
Insight partner for 10 years



Lipscomb Academy enables
students to study here from
Pre-K to PhD!



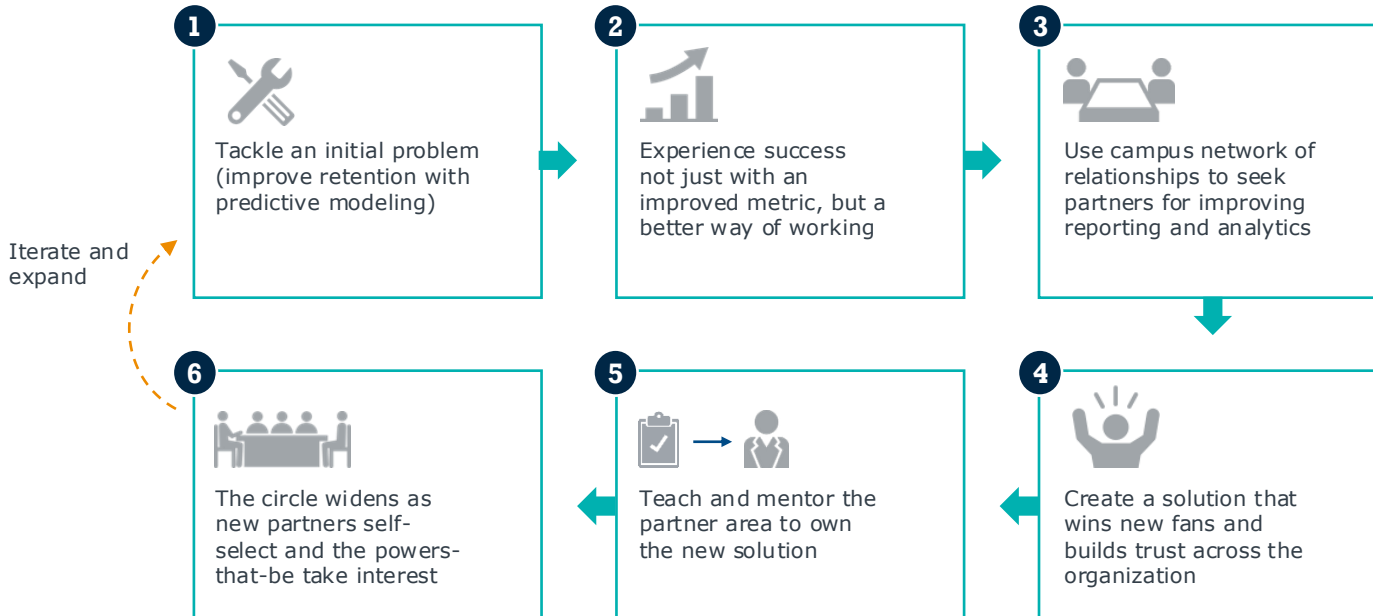
Matt Rehbein

Executive Director
for Institutional
Research and
Analytics

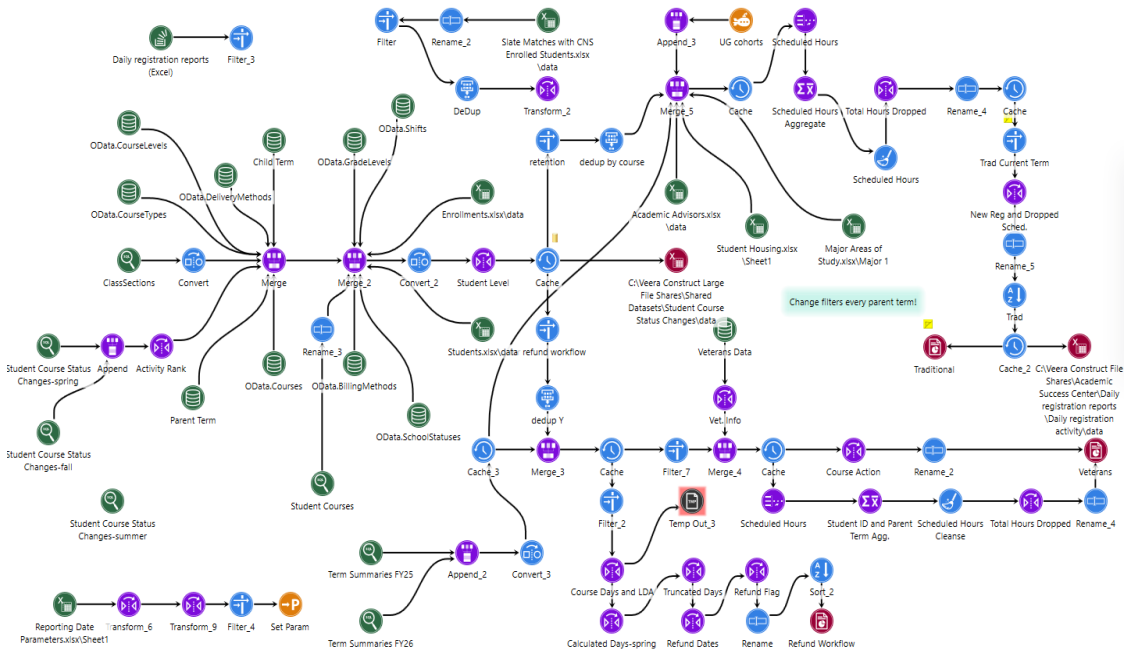
Challenge: Increase Retention...But We Have Lots of Other Needs!

Challenges Morph Into Opportunities – This Product Can Transform Our Productivity!

The Virtuous Cycle of “We Shape Our Tools and Our Tools Shape Us” (McLuhan)



Create an Ecosystem of Collaborative IR and Analytics



Scheduled jobs run 24/7 for campus

Shared jobs others run on demand

Transfer jobs to functional owners

Repurpose jobs for new reports

Customized Data for Every Office

The screenshot shows the Bridge dashboard interface with a search bar and navigation tabs. Below is a table of the dashboard entries:

Actions	Tags/Notes	Dashboard Title	Created By	Last Edited ↓	Data Updated		
				Fall to Spring YoY Retention	Matt Rehbein	Jan 18, 2026	Jan 17, 2026
				FY26 Traditional Undergraduate Revenue	Matt Rehbein	Jan 18, 2026	Jan 18, 2026
				2026 Spring Graduate Admissions Funnel by College	Matt Rehbein	Jan 18, 2026	Jan 18, 2026
				FY26 Other UG Revenues	Matt Rehbein	Jan 18, 2026	Jan 18, 2026
				2026 Spring Graduate Revenue by College	Matt Rehbein	Jan 18, 2026	Jan 18, 2026
				Summer Year-over-Year Enrollment Counts	Matt Rehbein	Jan 17, 2026	Jan 17, 2026
				Spring Year-over-Year Enrollment Counts	Matt Rehbein	Jan 17, 2026	Jan 17, 2026
				Fall-to-Fall Year-over-Year Enrollment Counts	Matt Rehbein	Jan 17, 2026	Jan 17, 2026

..... **Bridge allows 200+ users to access customized data for:**



Program Review



Department Management



Executive Snapshots



Revenue Tracking

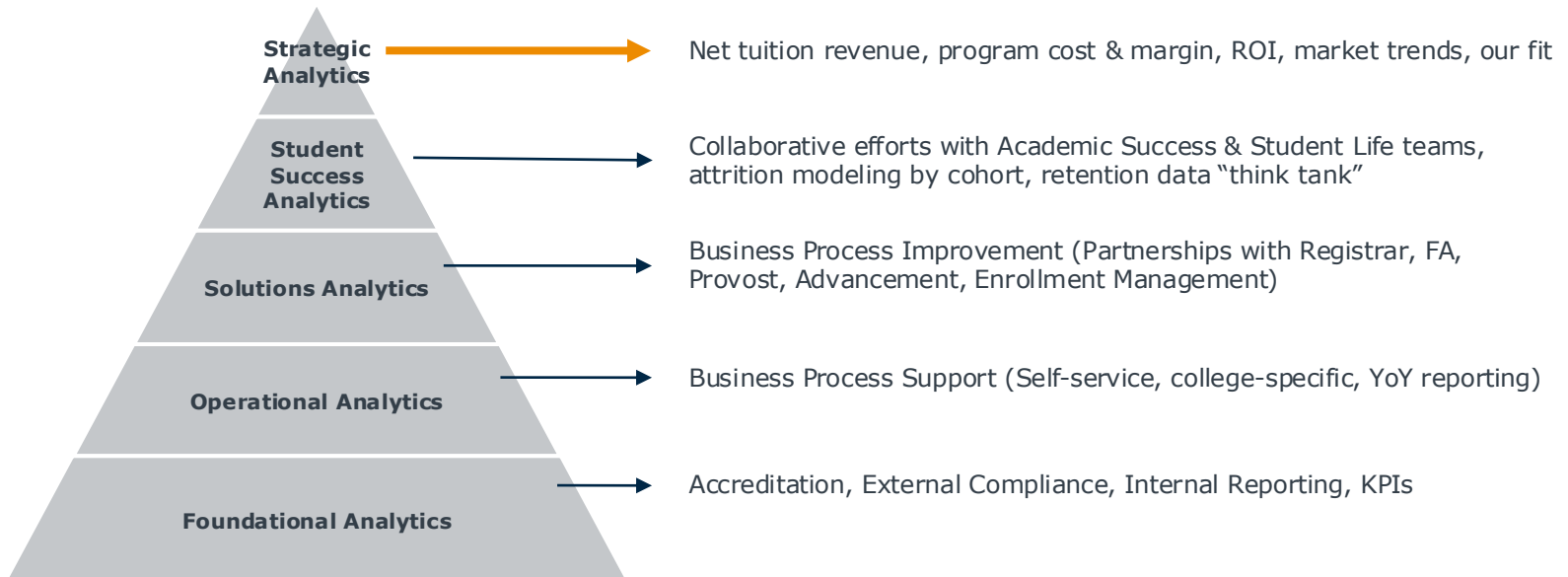


Retention Outreach

Start with Foundational Analysis

Lipscomb's Hierarchy of Analytics Needs

To Reach the Top, You Must Build Strong Steps Along the Way





Reaching New Heights of Student Success

FTF Retention

71%

2011

85%

Five-Year Rolling Average in 2025

FTF 6-Year Grad Rate

63%

2011

71%

Five-Year Rolling Average in 2025

FTF 4-Year Grad Rate

44%

2011

62%

Five-Year Rolling Average in 2025

Institutional Research Reinvented as Strategic Analytics



Data-Empowered Culture Shift

Users across the institution can access curated data products via self-service; coaching available on-demand



Data-Engaged Decision-Making

From the back room to the board room, realignment with the President's Office fosters organization-wide reach



Data-Emboldened Innovation

Restructuring to report to the Chief Revenue Officer spurs a brand-new line of mission-critical analytics for growth

Take a Quick Break

We'll meet you back here in a few minutes for two more inspiring partner spotlights!





Fairfield University

Surviving (and Improving) Analytics During an SIS Shift

Fairfield University

Background



Private 4-Year Jesuit
Institution in Fairfield, CT



7,161 Total Students –
Fall 2025



91% retention rate and
84% graduation rate

Fast Facts



Founded by the Society of
Jesus in 1942



Educational philosophy:
cura personalis



**Daniel
Grazynski**

Director Data
Analytics &
Reporting/ITS

A System Migration Comes with Plenty of Challenges

Three Key Challenges Facing Our Data Environment

1



SIS Transition from Banner to Workday

We needed to combine legacy data from Banner and current data from Workday to continue and enhance reporting and analytics

2



Data Validation and Organization

We needed a proper process to mitigate changes to the database source system

3



Productivity

Running multiple years of analysis as well as overall productivity for reporting and analytics was time-consuming and complex



SIS Transition

- Catalyst for building out a data mart to help show the need of a data warehouse
- A new way to enhance reporting and analytics

Three-Part Solution

1

SIS Implementation



Legacy Data

Preserve legacy data through Construct



Workday Data

Ingest, combine, and load Workday data with a systematic approach



Normalization

Meta data mapping to combine Banner and Workday data

2

Data Validation



Data Dictionary

Data analytics engine helps create a data dictionary for reporting efforts



Data Oversight

Access to data can identify issues in source systems



Source Data Changes

Renaming codes or description names does not impact overall productivity

3

Productivity



Automative Process

Nodes, scripts, and schedules help with automating the process for daily updates to the database



Multi-Year Analysis

Data setup to run multiple years of data in one single script



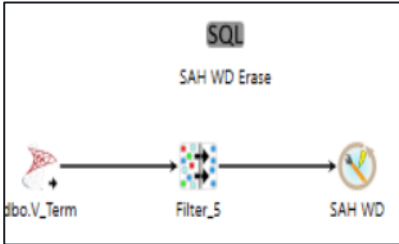
More Analysis

Setting up data to increase and enhance analytics and reporting on old and new systems

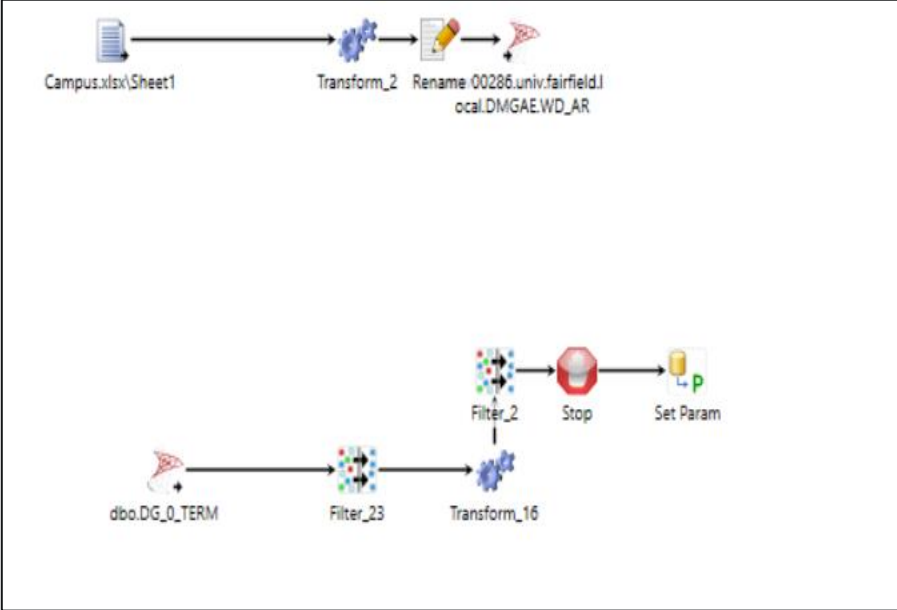
Automating and More in Construct



Script Node - Powershell Script allows for rapid data ingestion to CSV



SQL script to delete certain data and run each node to automate running data by term



Ability to freeze data to deal with Workday data organization



Four Key Impacts of Rapid Insight

An Easier, More Organized Approach to Our Data

1

Automation

- Scheduled processes to ingest data, update, and report

2

Ease of Use

- No coding experience needed to build a data mart

3

Organization

- Can have a series of processes fire off in sequential order to ensure proper execution

4

Oversight

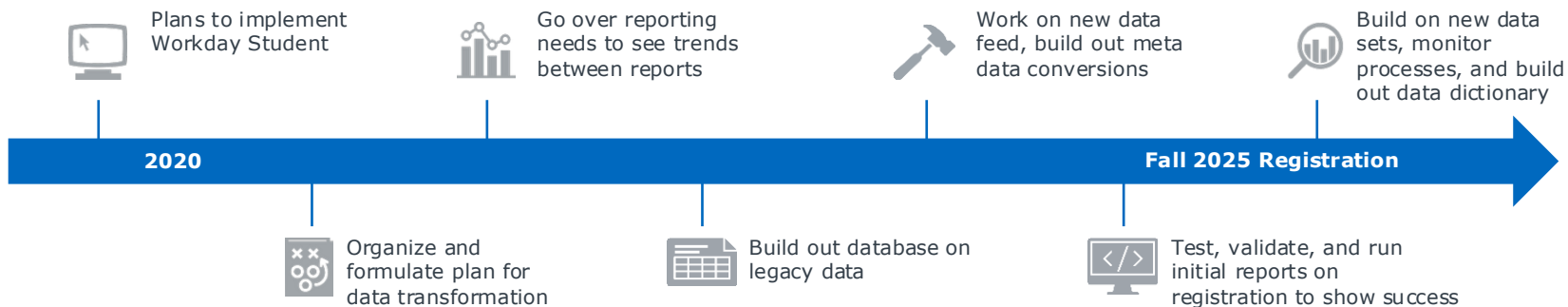
- Can show end users a process without lines and lines of code
- Easily oversee jobs, schedules, and processes



Fairfield also leveraged Rapid Insight to blend Starfish + SIS data and support student outreach processes.

A New Data Approach Five Years in the Making

Timeline of Events



Rapid Insight Support

- Helps organize data through job creation
- Alleviate the need of data scientists to write code, schedule processes, and overall overhead
- Final project runs 15 years of historical data in a matter of minutes – updating Tableau reports in 5 minutes flat



Greatly Reduced Time to Results

Overall Impact on Productivity

**Graduate
Dashboard Run
Time**

30 minutes

Before Data Analytics Engine Creation

5 Minutes

After Data Analytics Engine Creation

Processing Time

1 hour

To ingest data,
normalize, map,
combine, and
update final tables

Ingesting and Updating Models

minutes

From data ingestion to
updating overall
database once Workday
report is created



Rowan University

Building the Data Matrix: A Single Source of Truth for Campuswide Reporting

Rowan University

Background



Public research university
in Glassboro, NJ



24,214 students



82.19% FTU Fall to Fall Retention
68.35% 6-Year Graduation Rate

126 Bachelors Programs
69 Masters Programs
18 Doctoral Programs
3 Medical Programs

Established in 1923, Rowan University offers bachelor's through doctoral and professional programs in person and online through its campuses in Southern New Jersey.



Jamie Kifferly

Assistant Director
Institutional Research

A High Volume of Surveys



Survey/Report	Type	Typically Due
ASEE Annual Survey of Engineering Programs	Non-regulatory	January
American Talent Initiative	Non-regulatory	January
College Board Big Futures	Non-regulatory	February
CGS/GRE Survey of Graduate Enrollment and Degrees	Non-regulatory	February
IPEDS 200% Graduation Rates	Regulatory	February
IPEDS Admissions	Regulatory	February
IPEDS Graduation Rates	Regulatory	February
IPEDS Outcome Measures	Regulatory	February
IPEDS Student Financial Aid	Regulatory	February
NSF-NIH GSS	Non-regulatory	February
The Princeton Review CDS Update	Non-regulatory	February
The Princeton Review RDS Update	Non-regulatory	March
The Princeton Review Best Colleges	Non-regulatory	April
IPEDS Academic Libraries	Regulatory	April
IPEDS Fall Enrollment	Regulatory	April

Survey/Report	Type	Typically Due
IPEDS Finance	Regulatory	April
IPEDS Human Resources	Regulatory	April
Peterson's Survey of Undergraduate	Non-regulatory	April
SURE Spring Enrollment File	Regulatory	April
Times Higher Education World University Rankings	Non-regulatory	April
Peterson's Survey for Undergraduate	Non-regulatory	May
NCAA Graduation Rates	Regulatory	June
NC-SARA	Regulatory	June
US News Finance Survey	Non-regulatory	June
US News Financial Aid Survey	Non-regulatory	June
US News Main Survey	Non-regulatory	June
College Board Big Future Tuition & Fees	Non-regulatory	July
Peterson's Annual Survey of Graduate	Non-regulatory	July
Princeton Review UG Entrepreneurship	Non-regulatory	August
Philadelphia Business Journal	Non-regulatory	September

Survey/Report	Type	Typically Due
Sure 12 Month File Submission	Regulatory	September
SURE Summer Completions File	Regulatory	October
SURE Fall Enrollment File	Regulatory	November
Times Higher Education Impact Rankings	Non-regulatory	November
US News Online Bachelors Programs	Non-regulatory	November
US News Online Master's Business	Non-regulatory	November
US News Online Master's Criminal Justice	Non-regulatory	November
US News Online Master's Education	Non-regulatory	November
US News Online Master's Engineering	Non-regulatory	November
US News Online Master's Nursing	Non-regulatory	November
US News Online MBA	Non-regulatory	November
SURE Student Financial Aid Fall	Regulatory	December
US News Graduate Program Edu	Non-regulatory	December
US News Graduate Schools Business	Non-regulatory	December
US News Graduate Schools Eng	Non-regulatory	December



Building the Data Matrix: Data Complexity

▶ **Decentralized Operations**

Multiple teams managed separate queries independently, leading to duplication and inconsistency.

▶ **Inconsistent Program Codes**

Modality and program combined in ways that prevented clean vertical integration across systems.

▶ **Manual SQL Processes**

Every query required SQL expertise. Non-technical users struggled with transparency and access.

▶ **Non-Standardized Military Status**

Military status descriptions varied across institutional datasets, creating confusion and errors.

Building the Data Matrix: Data Complexity

“

How do we go from fixing one problem on **one** survey, to fixing one problem on **all** the surveys?

”

Building the Data Matrix

1

Standardized Military Status



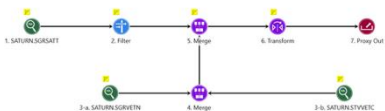
Military Description Job

Using a pre-existing military status definition, a job was created that properly defined student military status.



Military Description Subroutine

The new job was made a subroutine and now feeds multiple lineages rather than making recreating the process for each lineage.



2

Cleaning Up Program Codes



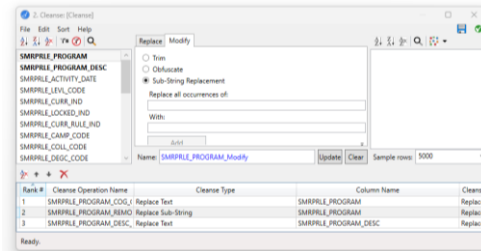
Multiple Codes for the Same Program

Using the Cleanse functionality, we removed extra characters used to tag programs differently throughout the years.



Standardized Program Codes

With the programs now uniform through the years, we can group the programs properly and plot metrics more easily.



3

Novice at SQL



Knowing the Logic

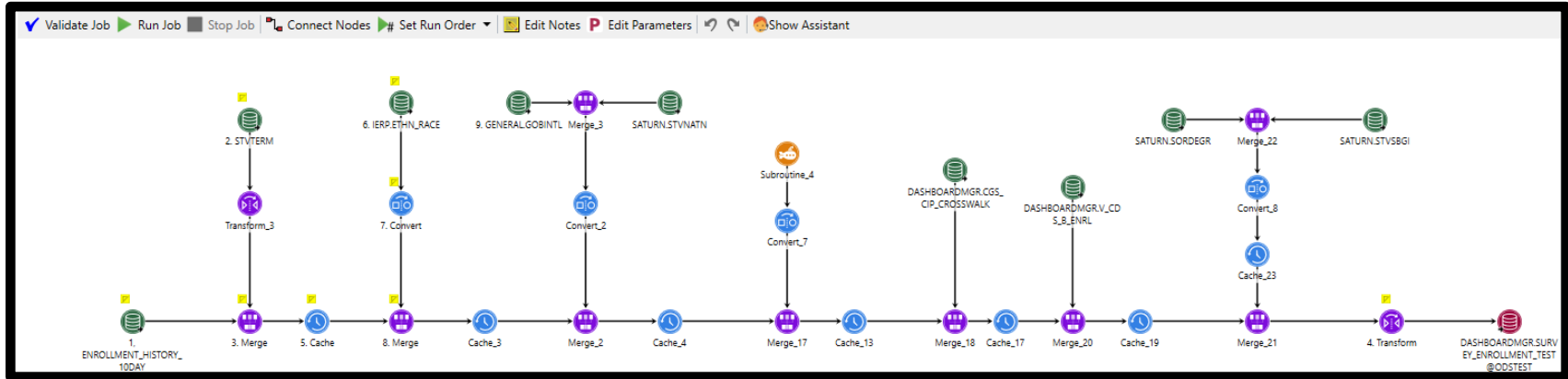
Construct allowed any analyst to see the where the data was coming from and see why. It allowed for analyst amend the data lineages without needing to know complicated SQL, just the logic they wanted done.



Visualizing the Logic

The combination of visualizations and key features like caching allowed for relatively quick edits and improvements to happen without needing to re-write novella-long queries.

Building the Data Matrix Step-by-Step



Start Small, Scale Smart

1

Initial Launch:
4 Output tables

2

Expansion:
Grew to 6 output

3

Trial & Error:
Expanded further to 8

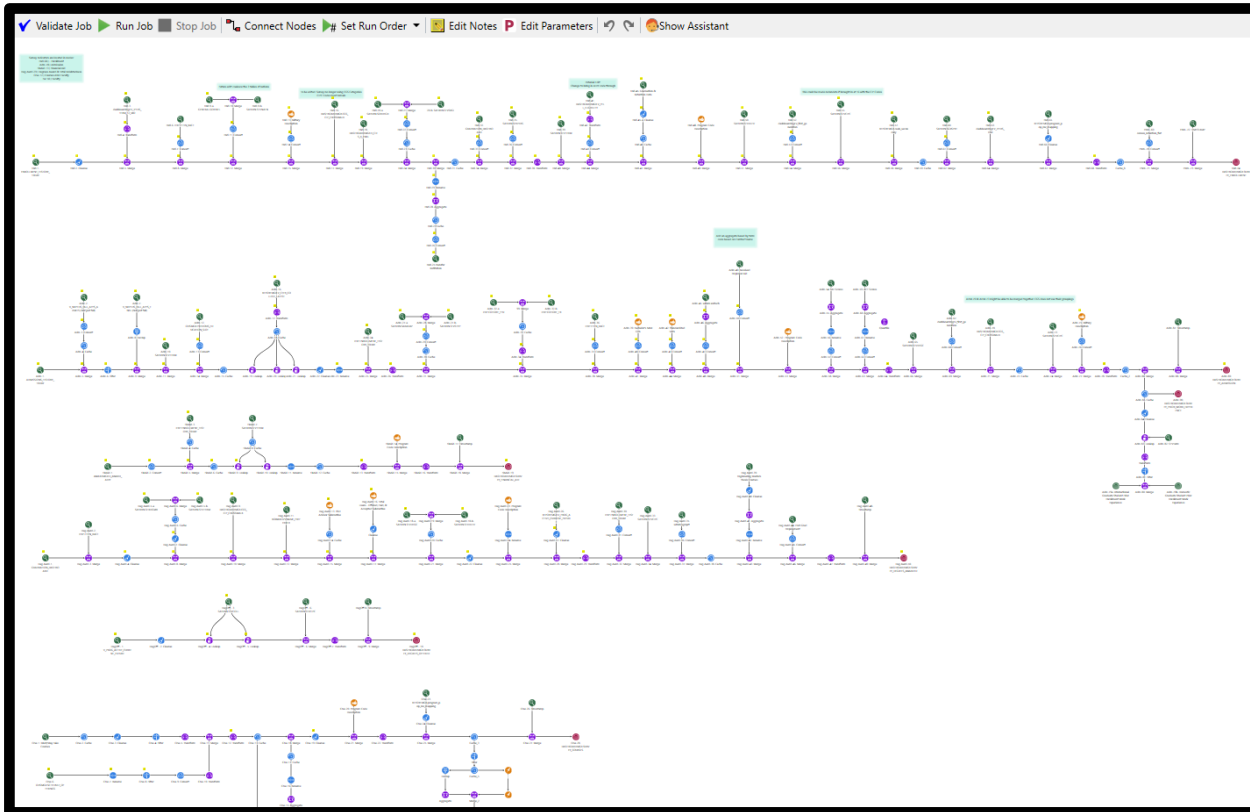
4

Window Dressing:
Adding the extras

5

Maintenance:
Keep it up to date

Current Version of the Data Matrix



Data Matrix v6

- About 350 nodes
- 8 Subroutines
- 8 Output tables
- Currently feeds 30 dashboards with more in development
- Answers well over 1,000 survey questions

30 Survey Dashboards and counting

- Designed to match layout of the survey submission form
- Easy to maintain and easy to update with yearly changes
- Users can view the data on-demand
- Seamless year over year review
- More time for analysis and to provide insight



US News Online Bachelors Reporting Year 2026

Reporting Year: 2026

Grad Counts & Majors

	2025-2026
Total Number of Online Programs	10
BA Computer Systems Technology	1
BA Construction Management	1
BA Law & Justice Studies	1
BA Liberal Studies	1
BA Psychology	1
BS Respiratory Therapy (DA)	1
BSN Nursing	1
BS Business Administration	1
BS Data Analytics	1
BS Healthcare Management & Adm	1

Enrollment & Admissions

	2024 - 2025
Total Number of Online Programs	9
BA Computer Systems Technology	1
BA Construction Management	1
BA Health Studies	1
BA Law/Justice	1
BA Liberal Studies	1
BA Psychology	1
BS Entrepreneurship	1
BS Respiratory Therapy (DA)	1
BSN Nursing	1

20. How many OBD programs does your school currently list on its website?

21. How many unique online courses that are part of the OBD programs listed in question 20 does your school currently offer?

	2025-2026	2024-2025
Grand Total	231	231
BA Computer Systems Technology	43	40
BA Construction Management	12	12
BA Law & Justice Studies	22	15
BA Liberal Studies	75	22
BA Psychology	36	81
BS Respiratory Therapy (DA)	9	38
BSN Nursing	13	40
BS Business Administration	29	8
BS Data Analytics	18	8
BS Healthcare Management & Adm	44	12

36.

Data Freshness

36.

The Impact of the Data Matrix



Reusable and Scalable

Dramatically reduced time spent maintaining data for surveys and profiles



Dramatically Reduced Maintenance

Time spent on surveys and profiles cut by more than half through centralization



Accessible to All

Improved understanding and confidence among non-technical users through visual workflows

**Poll: What would you like to learn more about from these stories?
(Check all that apply)**


- A. Using subroutines
- B. Using Rapid Insight with Edify
- C. Socializing Rapid Insight in various offices on campus
- D. Leveraging Rapid Insight through change (e.g., SIS transition)
- E. Creating a data matrix

Next Up: Networking Breakout Rooms

(If you indicated a topic preference via email ahead of today's session, you'll be placed in that room.)

We are currently in breakout rooms.

You can rejoin your session by clicking **Breakout Rooms** in your Zoom menu bar. If you have any questions or need assistance, please send a private chat to the Meeting Host.




“

**What's one valuable takeaway you
gained from your group's discussion?**

”

Take a Quick Break

We'll meet back here at 3:00 PM ET for a Construct Deep Dive!



Connect With Our Partner Presenters



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To IF and Beyond

Mastering the Transform Node

A decorative graphic at the bottom of the slide consists of several overlapping, wavy bands in shades of teal and light blue. A dotted line follows the upper edge of these waves. On the right side, a large, white, stylized number "4" is positioned over the waves.

4

Capture & Contribute

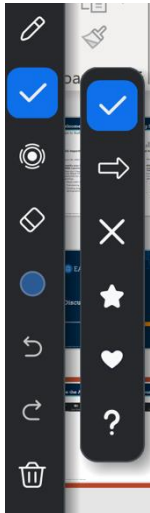
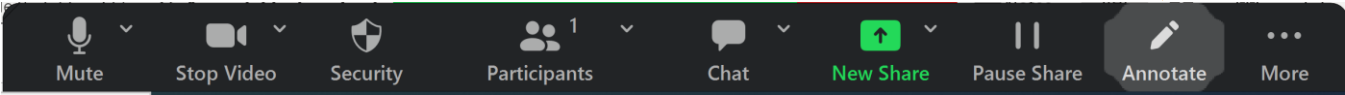
As you see a technique, tip, or strategy that stands out to you in this Deep Dive session, write it in the chat.



Let us know how you transform data!

Use the Annotate Feature to 'Stamp' Your Vote

1 Find the Annotate option at the bottom of your Zoom screen.



2 Select "Stamp"

3 Click on the screen to add your stamp!

How would you describe your current IPEDS reporting process?



How often do you use the Transform node?

Use the Annotate button to stamp where you fall on this spectrum



Transform node?

Never heard of it



All the time

I'm basically a Transformer

How do you use the Transform node?

Use the Annotate button to stamp how you use Transform



If statements

Example: Flagging if a student persisted from term to term



Text restructuring

Example: Using concatenate to combine many values into one



Date and time calculations

Example: Calculating the number of days between two dates



Binning

Example: Assigning students to age ranges (e.g., 18-25)

Transform Node Essentials

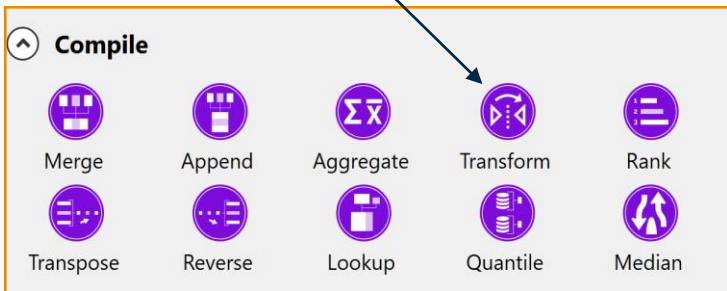
One Node = Many Ways to Reshape Your Data

The Basics

What does the Transform node do?

- Creates new fields from existing data
- Does not overwrite original data
- Categorizes or flags values
- Reshapes values

Where is the Transform node?



Think of Transform as a data cooking pot



Toss in all your ingredients (fields)



Apply some recipe (binning or function)



Voila! Out comes a new dish (column) without changing the original ingredients



Picking the Right Function

A Straightforward Decision Framework

IF Function

Best for:

- ▶ True/false conditional logic
- ▶ NULL and exception handling
- ▶ Logic depends on multiple conditions

Binning Function

Best for:

- ▶ Grouping values into categories
- ▶ Avoiding long IF chains
- ▶ Logic depends on a single field

Other Functions

Best for:

- ▶ Common operations and calculations
- ▶ Text parsing
- ▶ Distance and time calculations



Closer Look: IF Function

Basic Syntax

`IF(condition, value_if_true, value_if_false)`

► Scenario

You want to classify students based on whether they met an SAT Math benchmark (for example, 600)

► IF Formula

`IF([SAT_Math] >= 600, 'Met Benchmark', 'Did Not Meet Benchmark')`

► Output

A new column added to indicate whether the student Met Benchmark or Did Not Meet Benchmark

But what if you wanted to categorize students into Low/Medium/High SAT Math ranges?

Closer Look: Binning Function

Ideal for 3+ Categories

You want to categorize students based on SAT Math scores:

Low: Below 500
Medium: 500-649
High: 650 and above

► How Binning Works

Define each bin and Validate one at a time in the Transform node.



Bin 1: Low

Condition: `[SAT_Math] < 500`

Bin 2: Medium

Condition: `[SAT_Math] >= 500 AND [SAT_Math] < 650`

Bin 3: High

Condition: `[SAT_Math] >= 650`



Get Sample: If binning categorical values (like states), you can click "Get Values" to retrieve unique values and use the IN operator to select multiple values for a bin. It's a great trick to save time and avoid typos.



Platform Demonstration

ACTS Reporting

March 18 Deadline

Self-Service Resources

Self-Service Resources and guidance to help you use Construct to support ACTS reporting on your own.



Professional Service Hours

Full-service engagement for Rapid Insight to complete the work on your behalf.
(SPOTS VERY LIMITED)

Poll: Are you interested in engaging Rapid Insight to complete this work on your institution's behalf?
(If so, we'll follow up with you on pricing and availability)



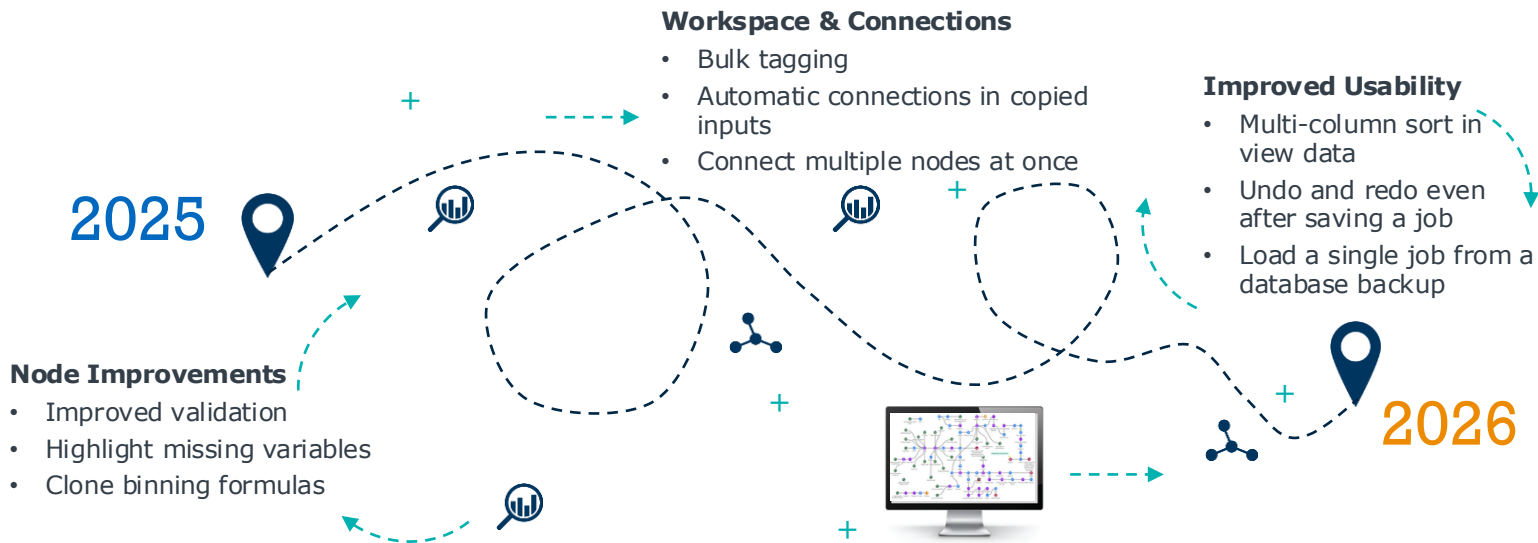
Product Roadmap

What's New and What's Next for Rapid Insight

A decorative graphic at the bottom of the slide consists of several overlapping, wavy bands in shades of teal and light blue. A dotted line of small white dots follows the upper curve of these bands, extending across the width of the slide.

5

What We Accomplished in 2025

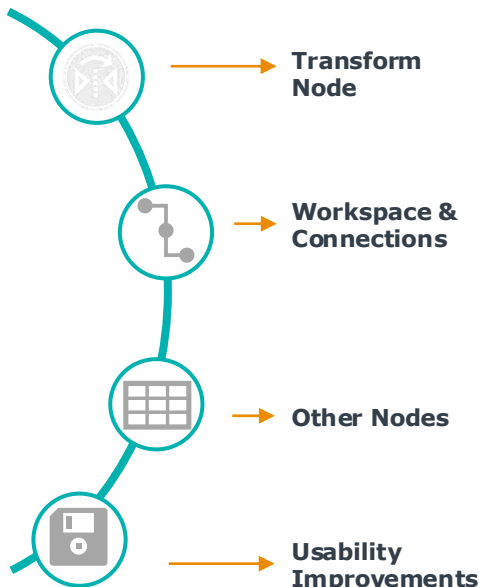


Reminder:

Update to the latest version of Rapid Insight to access these features!



A Closer Look: 2025 Improvements



- Improved transform validation to show where the syntax is wrong
- Transform highlights which variables are missing
- Clone a binning formula

- Bulk tagging available
- When copying an input node to another job, connection gets automatically created
- Select and connect multiple nodes to another node simultaneously
- Fix Excel selections now available in Excel connection

- Use group by node without designating a group by column
- Change the order of sources in append node from within the node
- Drop columns in Append node

- Undo and redo even after saving job
- Clone and disconnect nodes
- Load a single job from a database backup
- Multi-column sort in View Data

Key Updates We'll Demo



Node Improvements



Transform
Validation

Improved transform validation to show where the syntax is wrong



Append Node
Improvements

Change the order of sources in append node from within the node and drop columns in Append node

Useability Improvements



Multi-Connect

Select and connect multiple nodes to another node simultaneously



Excel Connector
Updates

Fix Excel selections and properties now available for Excel connections



Platform Demonstration

Looking Ahead to 2026



Now

> Customizable report sections

Previously, users had limited control over how multi-page reports were structured, often requiring manual cleanup after export. The new page break functionality gives users precise control over report layout across all output formats, reducing post-export effort. This makes automated reporting in Construct more polished, scalable, and presentation-ready.

> Parameterized chart titles

Chart titles can now dynamically update using parameters, allowing a single report to adapt seamlessly across different audiences, timeframes, or data cuts. This eliminates the need for manual title updates and improves clarity and consistency. Together with page breaks, parameterized titles significantly enhance report customization and automation.

Roadmap Look Ahead

> Edify Integration

Construct previously had no streamlined way to deliver prepared data directly into other EAB applications like Edify. In an upcoming release we will be introducing a direct Edify output node, enabling automated data loading and intake entity creation with fields, keys, and descriptions pre-populated. This creates a simpler, more consistent path from data preparation to governed storage.

Questions and Feedback

What would make your work in Rapid Insight easier?

What questions do you still have?



Wrap-Up

What Will You Do Next?

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6

1

Look to our partner showcase for inspiration to deploy Rapid Insight in new areas

- Reporting through system migration
- Subroutines for complex workflows
- Building a data-informed culture
- Scaled automations

2

Simplify your work with the Transform node

- IF statements are best for simple, yes/no or two-outcome logic
- Binning is clearer and more scalable for three or more categories
- Leverage Construct for ACTS submissions (resources & support coming soon)

3

New features in Rapid Insight will improve your experience

- Clone a binning formula
- Connect multiple nodes to another simultaneously
- Undo and redo after saving a job

Final Poll

How was today's session?

- A. Excellent
- B. Good
- C. Fair
- D. Poor

Which segment did you find most valuable?

- A. Partner Showcase
- B. Breakout Room Discussion
- C. Construct Deep Dive Training
- D. Product Roadmap

Do you feel the Construct training, support insights, and product roadmap will help you maximize your use of Rapid Insight?

- A. Yes
- B. No
- C. I'm not sure

Would you like us to register you for our upcoming Rapid Insight Basics sessions?

- March 10: Construct Basics
- April 28: Predict Basics
- Not at this time

Do you have topic recommendations for future Rapid Insight events?

We want to hear from you! Please tell us about your experience in today's session.

Join Us for Our Upcoming EAB Experiences



Strategy Spotlight Series: Rapid Insight Basics

March 10, 2:00-2:45PM ET

Construct Basics

New to Rapid Insight or looking for a refresher on Construct's functions? This session is your perfect starting point. See how to use this workspace to organize projects, connect to data sources, and build repeatable data workflows.



April 28 2:00-2:45PM

Predict Basics

If you aren't using Predict yet, you're missing out on one of the most powerful tools Rapid Insight has to offer. We'll show you how to build and apply predictive models that surface patterns in your data to support decisions around outcomes like enrollment and retention.

[Register for one or both sessions here](#)

Thank you!

Connect with us



ri-support@eab.com



@eab_