ALTERYX HEALTHCARE USER GROUP MEETING

December 6th, 2018

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INDUSTRY + DEPARTMENTAL ALTERYX USER GROUPS

join at community.alteryx.com/usergroups

NEW!!!

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HEALTHCARE ALTERYX USER GROUP: MEET YOUR LEADERS

Lynsie Daley

Senior Data Analyst,
Intermountain
Healthcare

Nathan Patrick Taylor

Customer Facing
Data Scientist,
DataRobot

Eduardo Segovia Jr.

Program Manager,
PCPI

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- **Introductions**
- **Jesse Clark** – Fallon Health

  Sending Data to Provider Organizations
- **Alteryx Updates**
- **JR Segovia**

  Post Acute Use Case
- **Q&A**
- **Next Steps**

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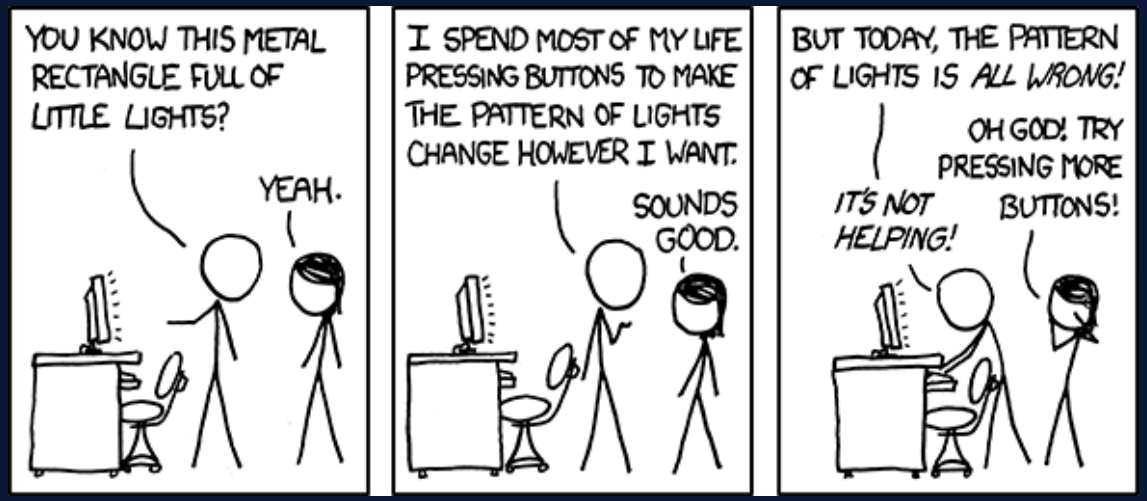
USE CASE #1

CONSISTENT COMMUNICATION WITH VARIABLE REQUIREMENTS: SENDING DATA TO PROVIDER ORGANIZATIONS USING ALTERYX

Jesse Clark



HTTPS://XKCD.COM/722/

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Jesse Clark

About Me: Game Designer, Alteryx ACE, Alteryx Expert

Career: Application Developer, IT, Fallon Health

Alteryx Journey: User since 2015, Expert since June 2018, ACE since October 2018

2019 Alteryx Goals (work in progress):

- **Keep learning**
- **Contribute to the Community**
- **Present at Inspire**
- **Python and HTML SDK**

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Sending data to Provider Groups

PROBLEM

- Dozens of different provider groups
- Each needs monthly data on a variety of topics
  - Member Months by PCP
  - Detailed Member information by PCP
  - Claims and Claims status information
- Each group has different data access levels
  - They may need all extracts, only some, or not all data in an extract

SOLUTION

- Using Alteryx, dynamically create a folder for each Provider Group
- Alteryx workflows build each data extract
- When all data extracts are complete, send the data!

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Sending data to Provider Groups

INPUTS

- Configuration table
  - Who gets what
- SQL Database

PROCESS

- Workflows run in sequence
  - Create Folders
  - MemberMonth
  - MemberDetail
  - Claims
  - Pharmacy Claims
- Data elements are removed where appropriate

OUTPUTS

- 1 Folder per group
- 0-8 files per Group
  - Current year and prior year

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WORKFLOW OVERVIEW

- 1_CREATE_Folders.yxmd
- 2_MemberMonth.yxmd
- 3_MemberDetail.yxmd
- 4_Claims.yxmd
- 5_RXClaims.yxmd
- 6_SendFiles.yxmd

ProviderGroupID	Medical Organization Name	Provider Group	Program	Pharmacy Data	Pharmacy Cost	Claim Data	Claim Cost
1	Medical Organization 1	Doctors Office 1	Commercial	Y	Y	Y	Y
1	Medical Organization 1	Doctors Office 1	Medicare	Y	Y	Y	Y
1	Medical Organization 1	Doctors Office 1	Program 3	Y	Y	Y	Y
1	Medical Organization 1	Doctors Office 1	Program 4	Y	N	Y	N
2	Medical Organization 2	Doctors Office 2	Commercial	Y	Y	Y	Y
2	Medical Organization 2	Doctors Office 2	Medicare	Y	N	Y	N
3	Medical Organization 2	Hospital 1	Commercial	Y	Y	Y	Y
3	Medical Organization 2	Hospital 1	Medicare	Y	Y	Y	Y
3	Medical Organization 2	Hospital 1	Program 4	Y	Y	Y	Y

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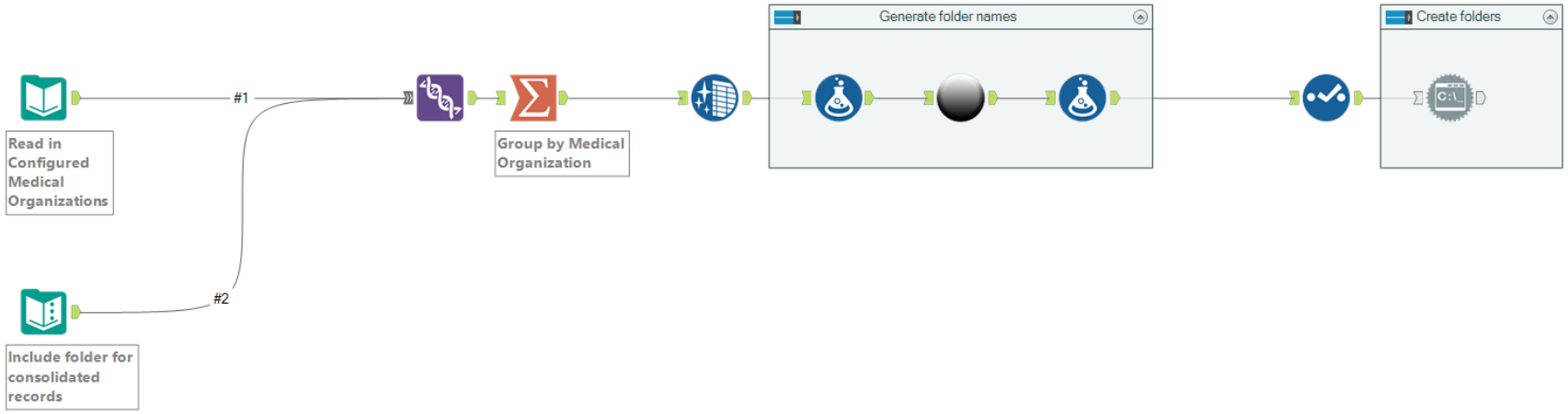
FOLDER CREATION



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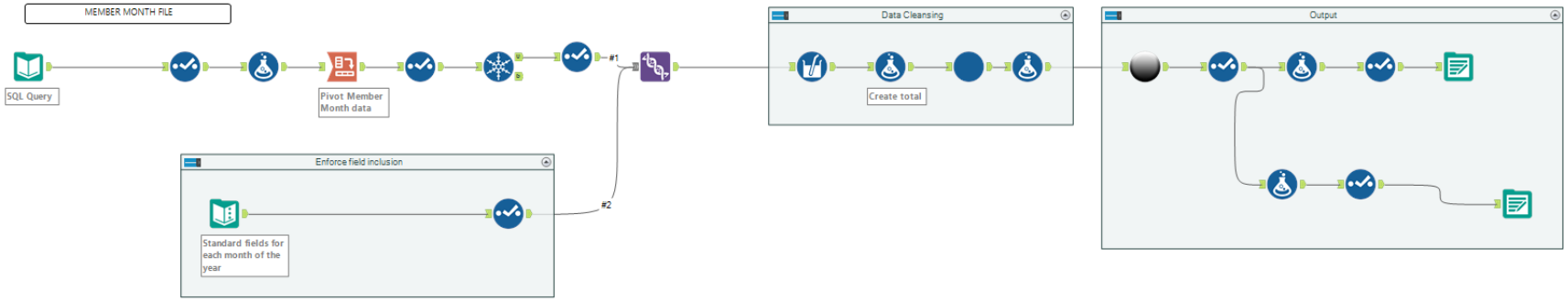
MEMBER MONTH



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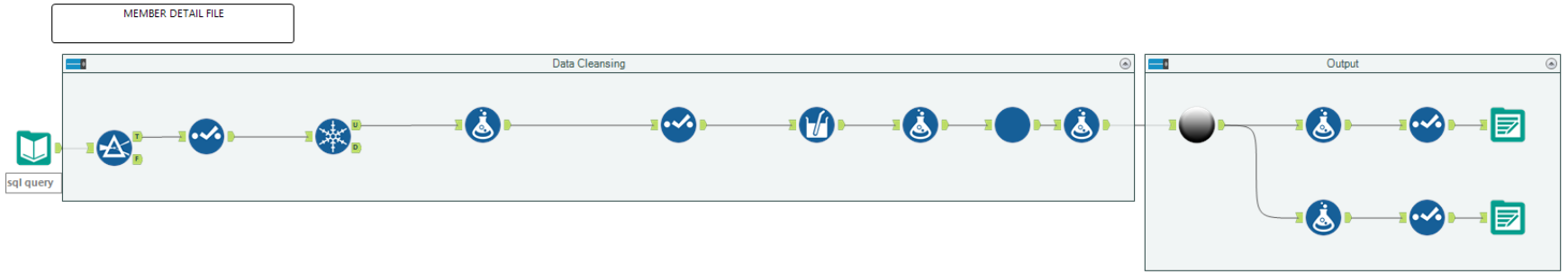
MEMBER DETAIL



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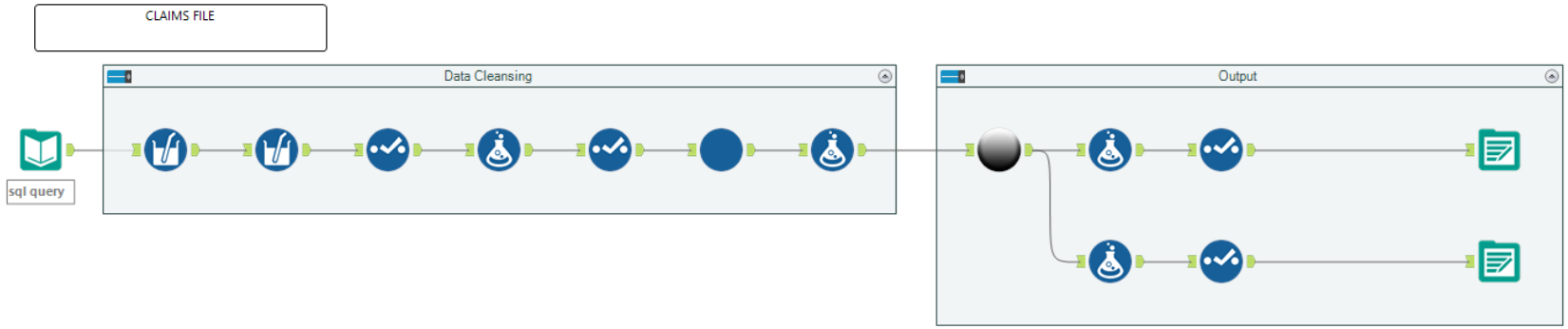

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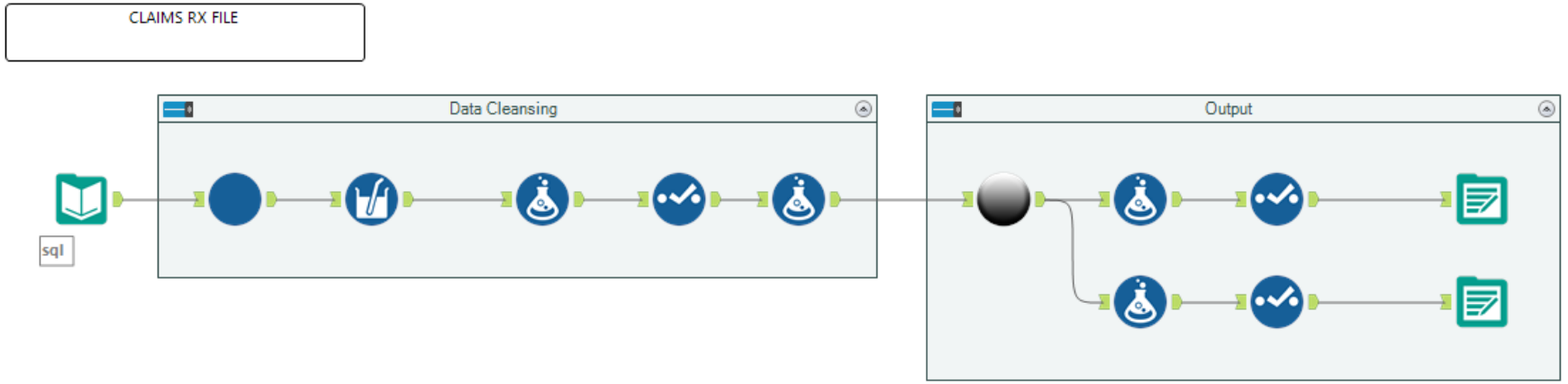
PHARMACY CLAIMS



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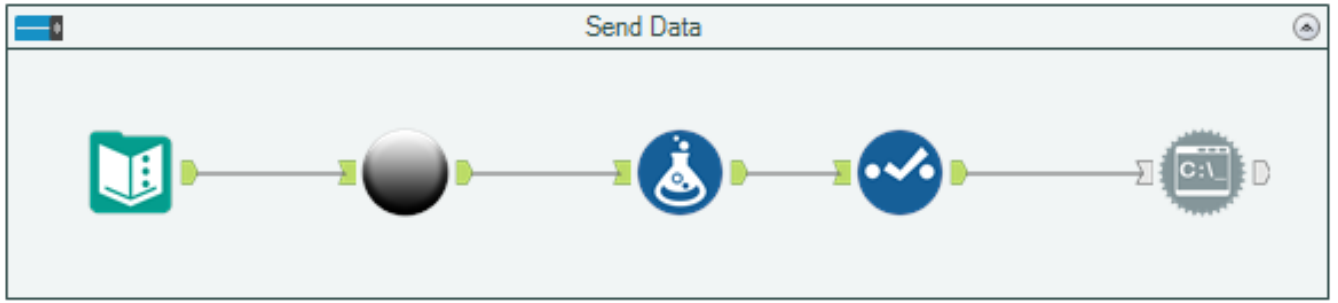
OUTPUT



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- Improved standards for files
- Automated sending files in a repeatable way
- Enabled detailed configuration for data access and use
- Saved 4+ hours of monthly activity
- Removed 3+ handoffs between resources
- Code was more reliable – fewer needed changes each year since go live

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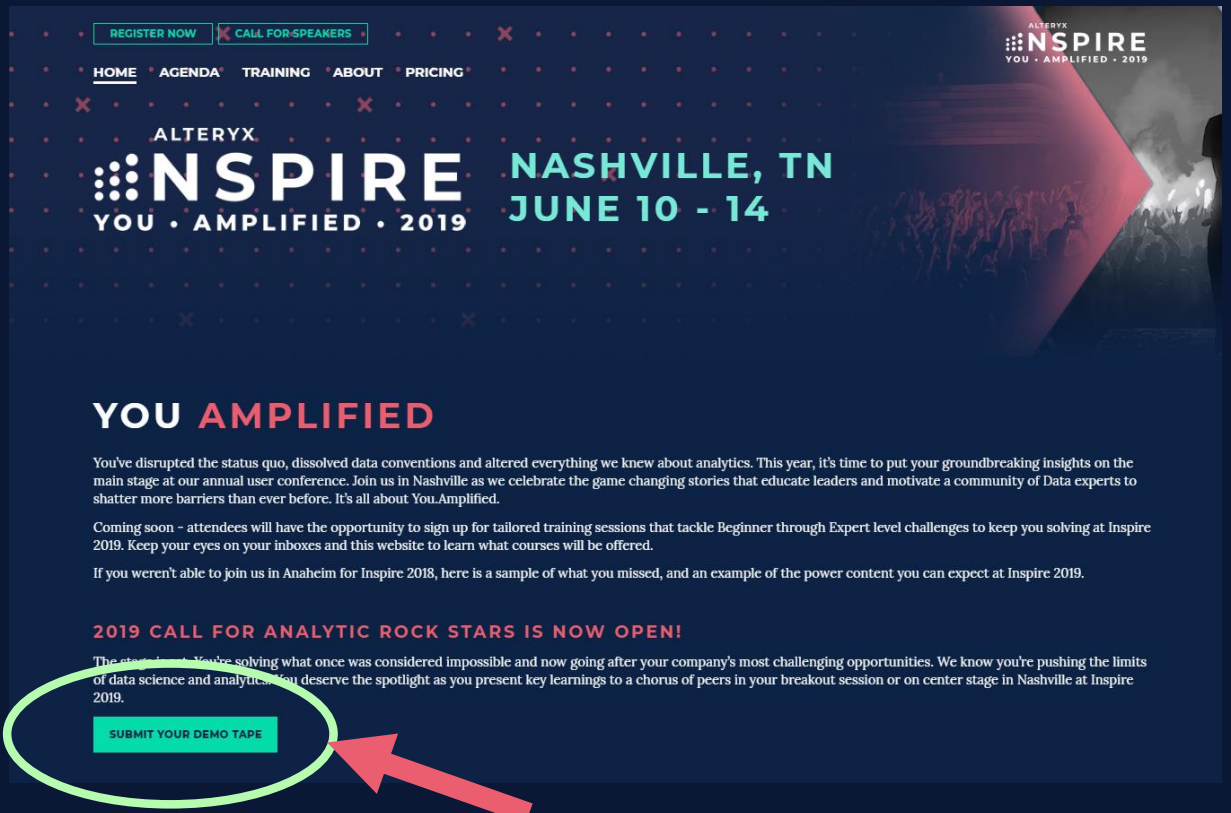
ALTERYX INSPIRE: CALL FOR SPEAKERS!

WE WANT YOU IN NASHVILLE!



Submit your "demo tape":
https://inspire19cfs.hubb.me/

Have you disrupted the status quo?

Did you dissolve data conventions and altered everything you knew about analytics?

Alteryx is looking for speakers with use cases!
Please submit your request by **Friday, January 4th, 2019**.
If selected, you will receive a **free** pass to Inspire 2019.

*Inspire Europe Call for Speakers will be opening in 2018
**Full conference pass valued at $1,275

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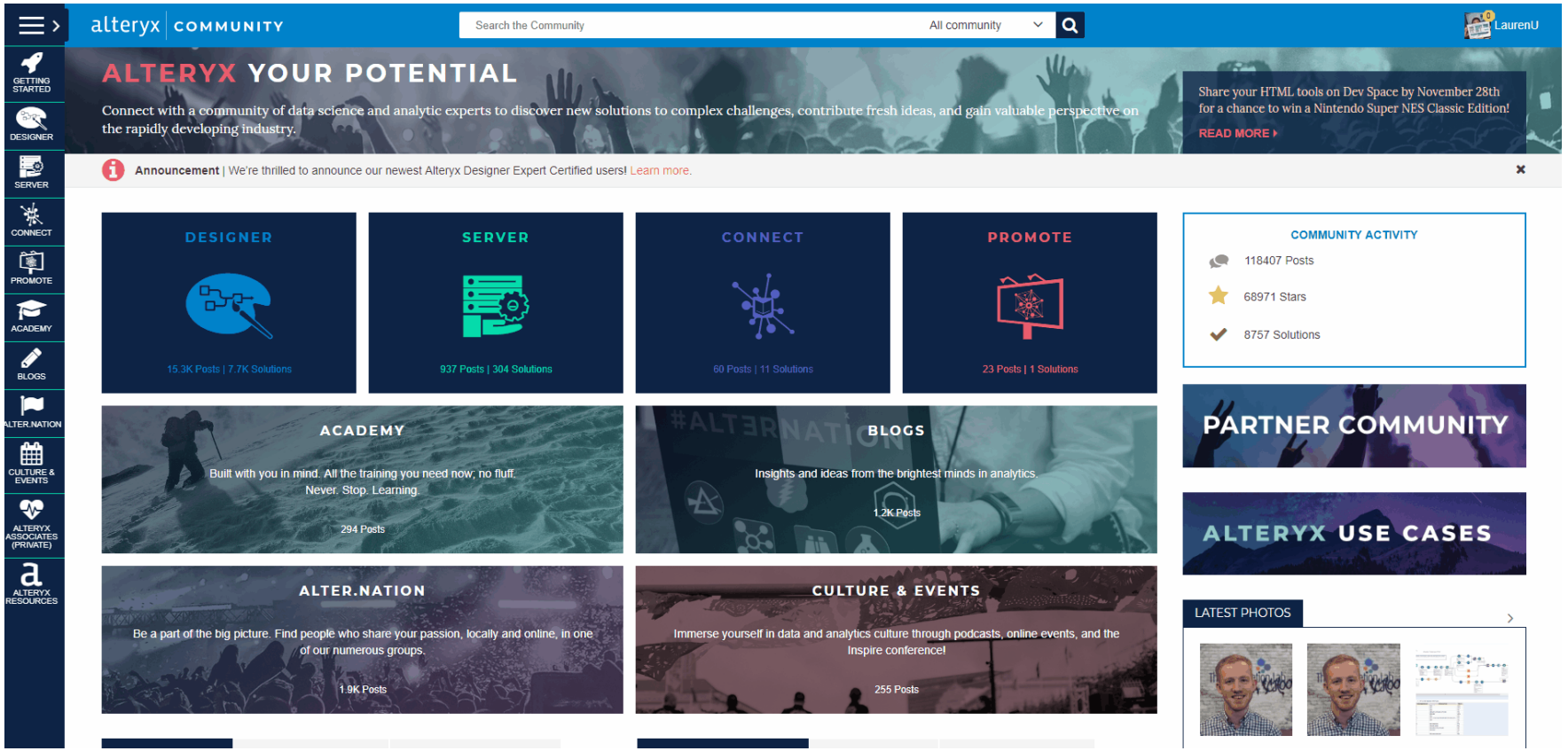
MEETING ROUND UP IS LIVE!

- Catch up on missed meetings!
- Share content with colleagues!
- Discover what other User Groups are up to!



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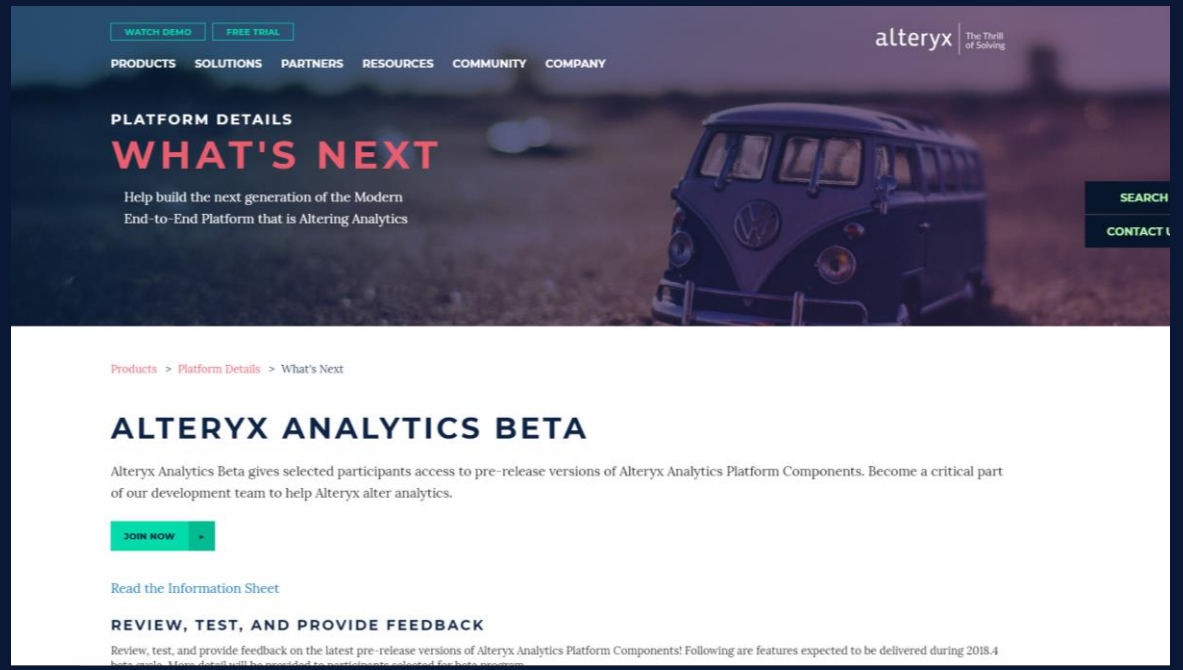
ALTERYX ANALYTICS BETA PROGRAM

REVIEW, TEST, AND PROVIDE FEEDBACK

- Become a critical part of our development team!
- Try the latest features and give feedback to help Alteryx deliver the best versions of our product!



Join now: https://community.alteryx.com/t5/Join-Beta-Program/tkb-p/beta-programs

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SIGN IN. GEEK OUT.

COMMUNITY.ALTERYX.COM

- Find answers quickly
- Share your knowledge
- Connect with peers
- Discover new Alteryx use cases
- Submit your bright ideas
- Read insightful blogs
- Develop tools, macros, and apps

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ALTƎR
EVERY THING
X
a podcast about data and analytics culture
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USE CASE #2

“ALTERYX ON LOCATION”

JR Segovia & Nathan Taylor

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@JAY_2DAR

NAME: JR Segovia

About Me: Program Manager for PCPI Foundation

Career: Healthcare Data Analyst, Supported measure testing and endorsement projects for NQF and CMS endorsement. Experienced in reliability, feasibility and implementation of clinical quality measures in the electronic health record.

Alteryx Journey: Started using Alteryx in 2017 for a Post Acute Care Organization

2019 Alteryx Goals: Plan to use Alteryx for clinical measure benchmarking and testing

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Enhanced Operational Reporting

PROBLEM	SOLUTION
• Inaccurate daily census reports • High latency in bed utilization data • Vendor verification and reimbursement • Aggregate and stratify data throughout organization and units	• Realtime census data • Bed utilization report integrated with real-time census • Vendor alignment with OIG exclusion list

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Enhanced Operational Reporting

INPUTS

EHR DATA
- CLINICAL
- PRACTICE MANAGEMENT DATA

FINANCIAL DATA
- BUDGET
- VENDOR LISTS

PROCESS

- CLEAN
- SORT
- JOIN
- SUMMARIZE

OUTPUTS

- DAILY CENSUS EMAILS
- PATIENT LIST & BED LIST
- CONSOLIDATED VENDOR LIST

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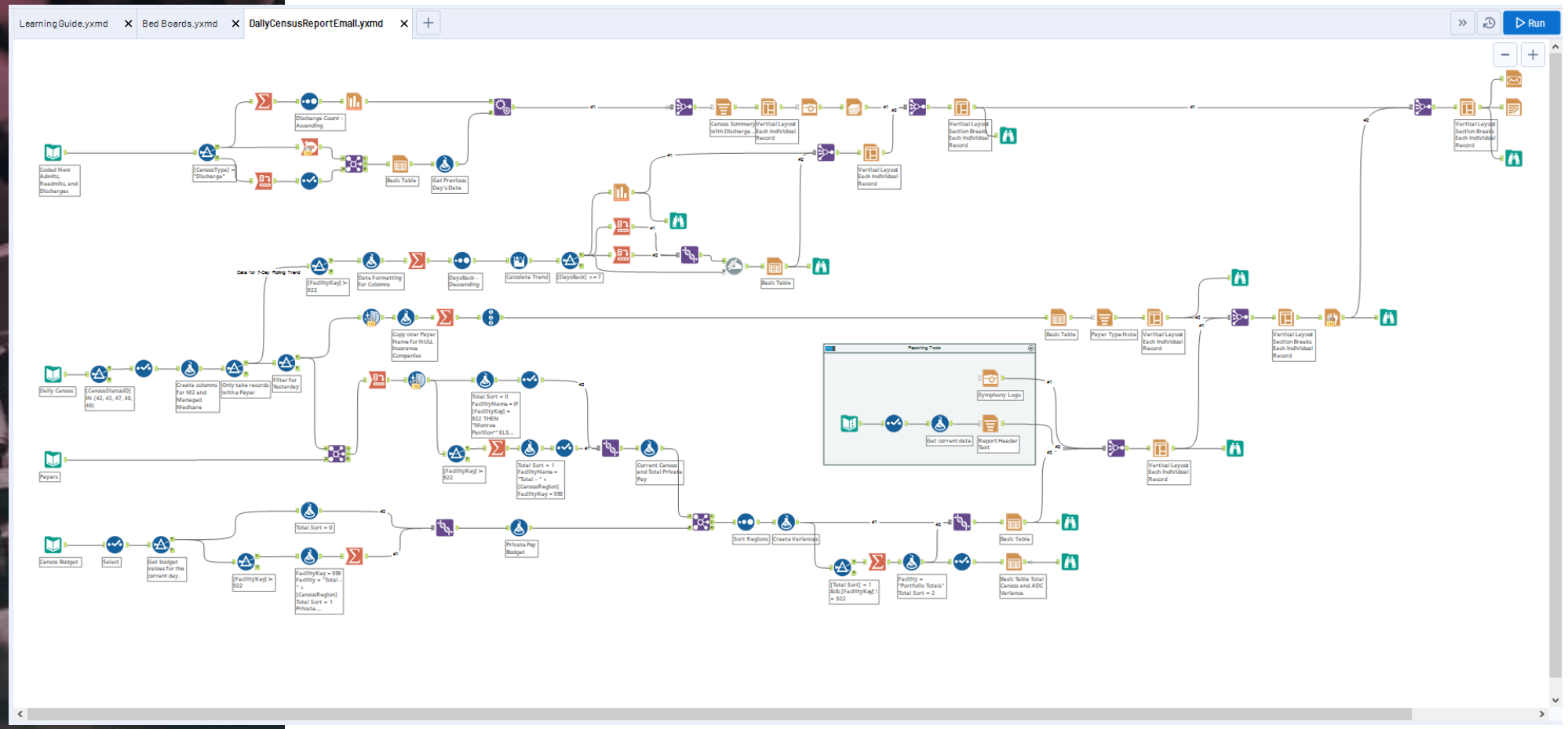
WORKFLOW SNAPSHOT



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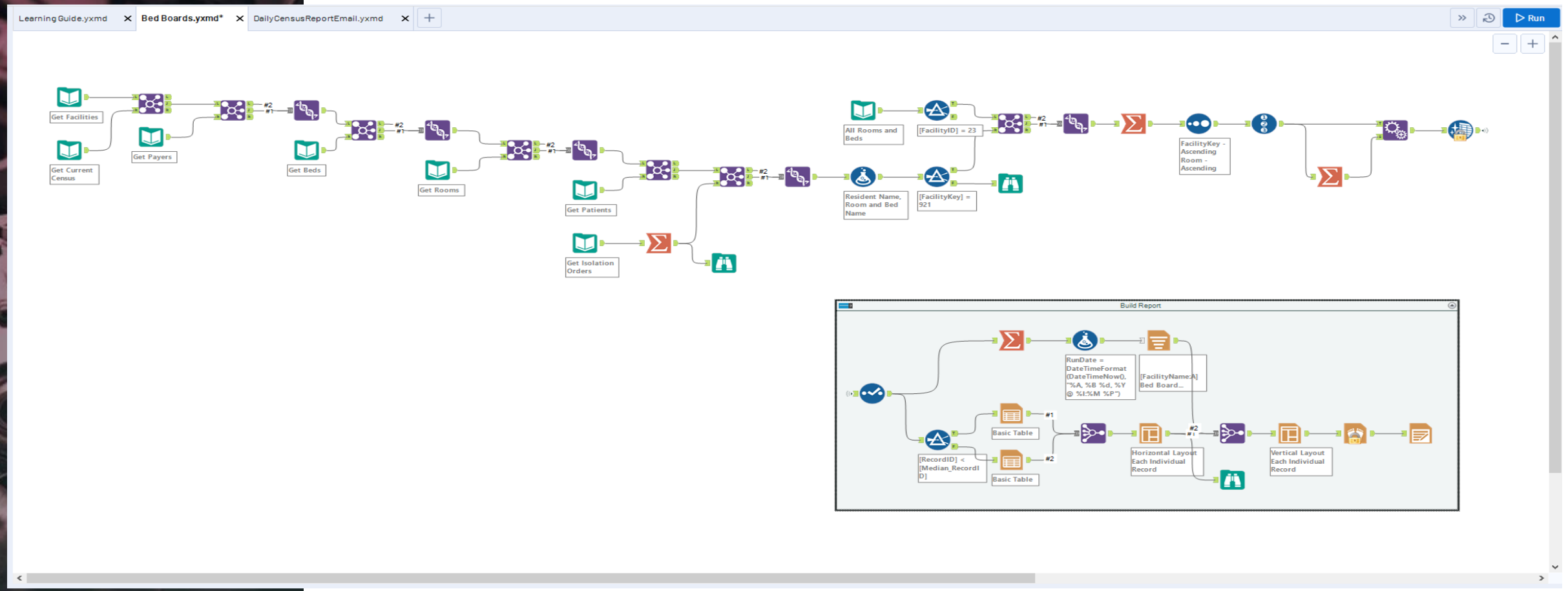

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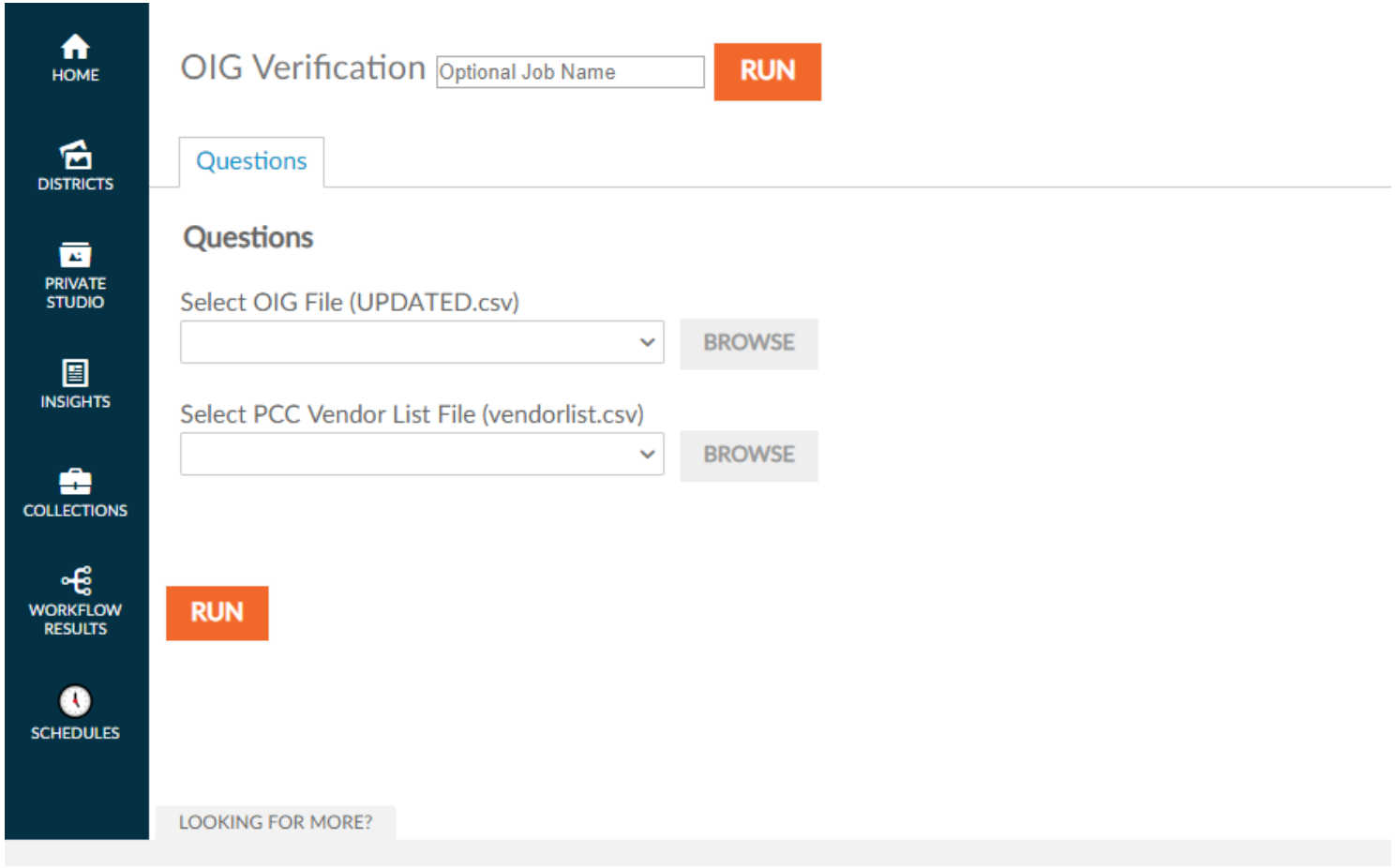

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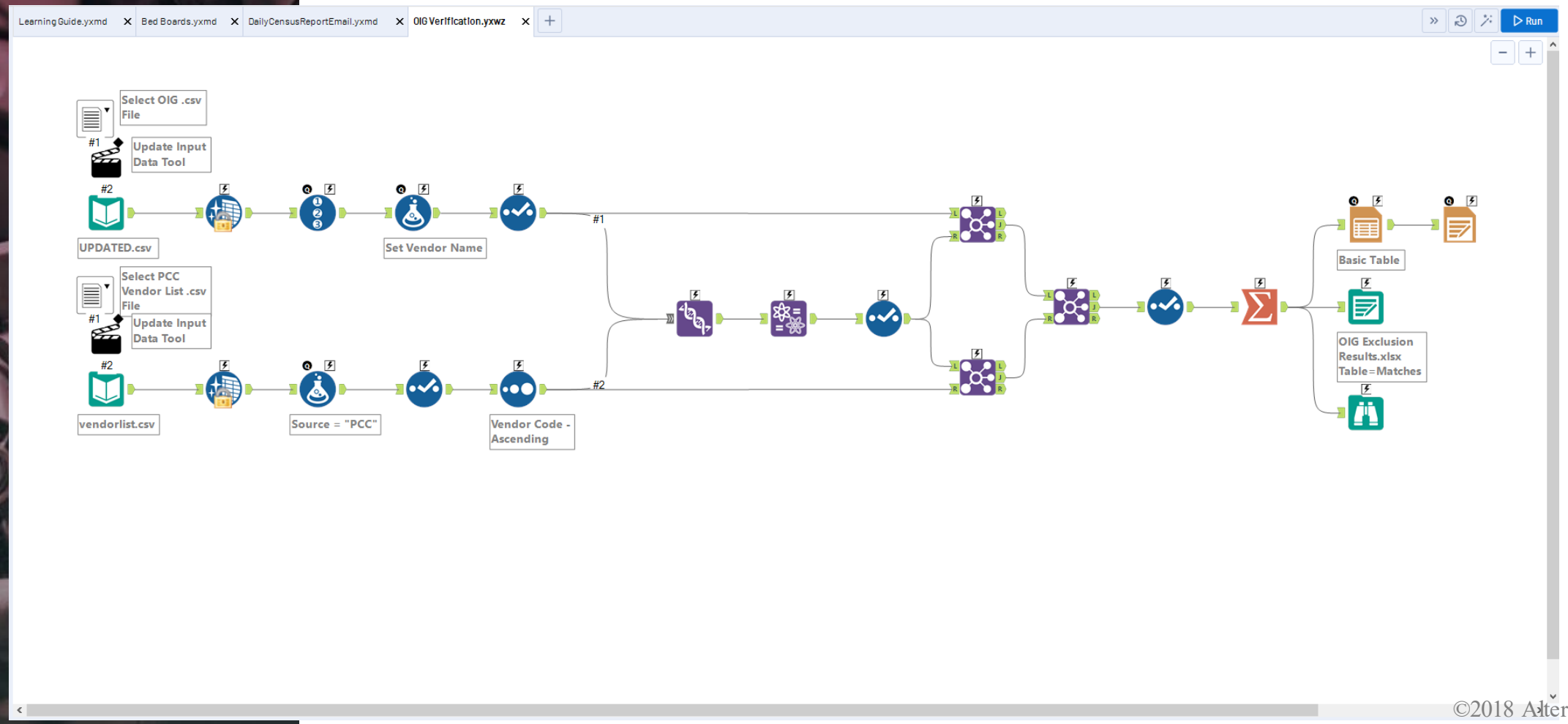

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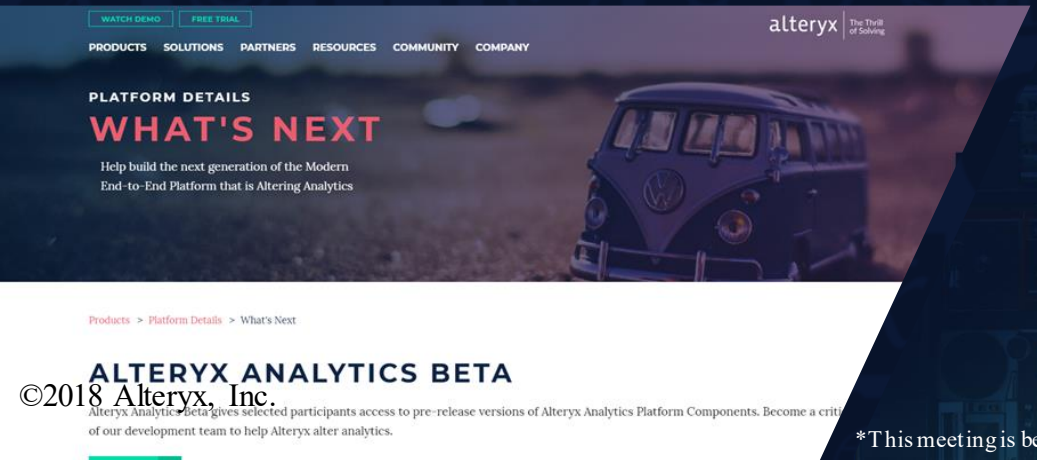
Q&A



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NEXT STEPS

Chris Shernaman
949.565.1738
cshernaman@alteryx.com
Alteryx.com

Questions? Want to get involved?

Join our Healthcare User Group page at community.alteryx.com

Be on the look out for a survey after the meeting!

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