



ALTERYX HEALTHCARE USER GROUP MEETING

December 6th, 2018

INDUSTRY + DEPARTMENTAL ALTERYX USER GROUPS

join at community.alteryx.com/usergroups





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



- **Introductions**
- **Jesse Clark** – Fallon Health
Sending Data to Provider Organizations
- **Alteryx Updates**
- **JR Segovia**
Post Acute Use Case
- **Q&A**
- **Next Steps**

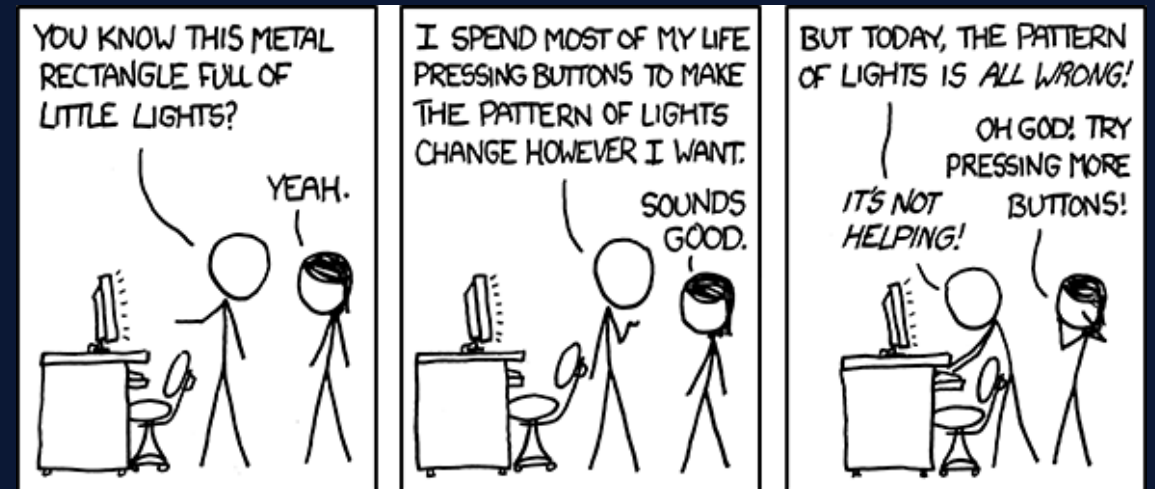
USE CASE

#1

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



Jesse Clark



[HTTPS://XKCD.COM/722/](https://xkcd.com/722/)

alteryx

The Thrill
of Solving



*This meeting is being recorded and will be shared on the Healthcare User Group page.



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



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!**

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

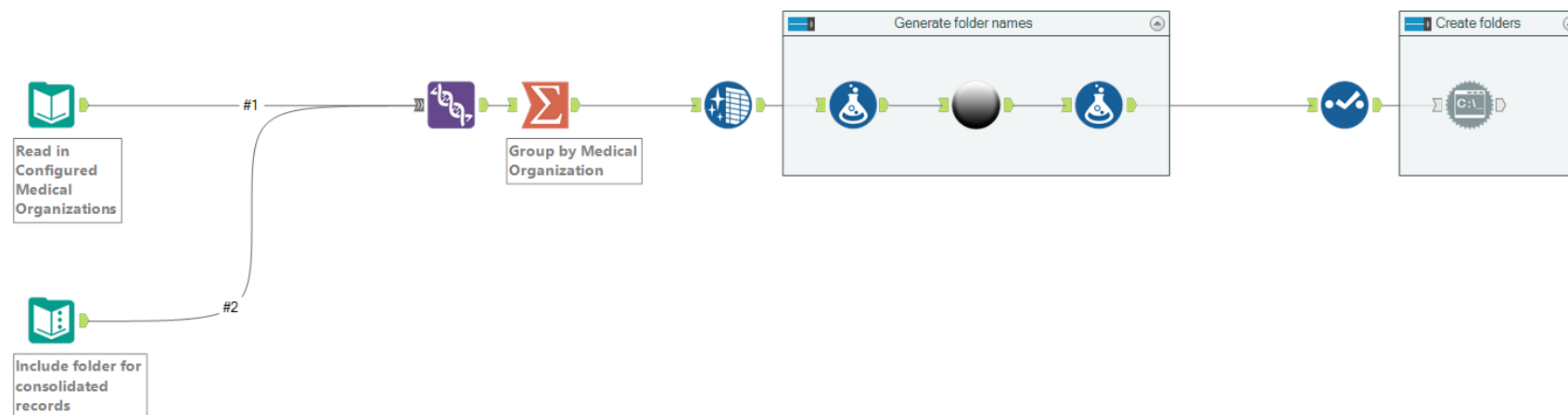
- **1 Folder per group**
- **0-8 files per Group**
 - **Current year and prior year**

WORKFLOW OVERVIEW

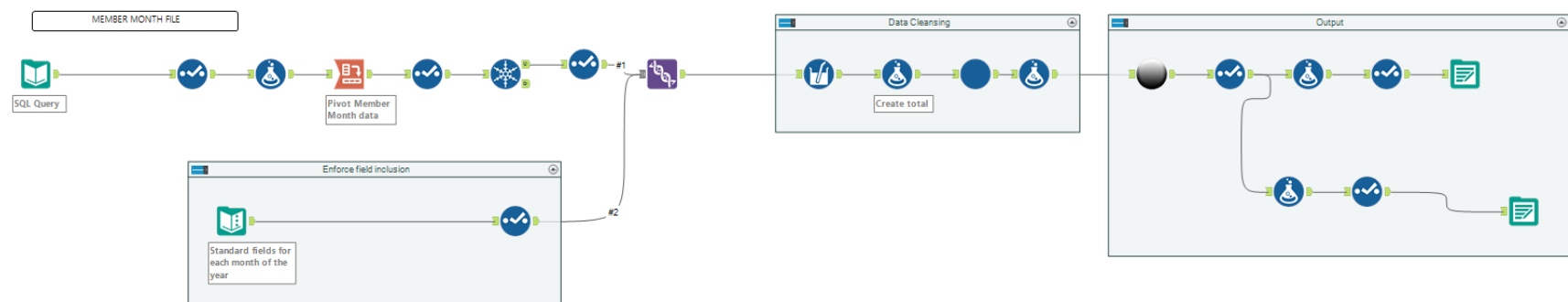
- 1_CREATE_Folders.yxmd
- 2_MemberMonth.yxmd
- 3_MemberDetail.yxmd
- 4_Claims.yxmd
- 5_RXClaims.yxmd
- 6_SendFiles.yxmd

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

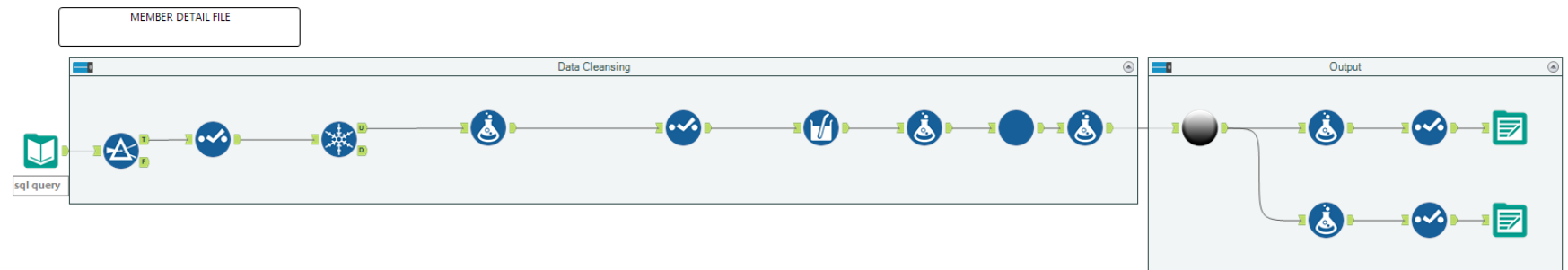
FOLDER CREATION



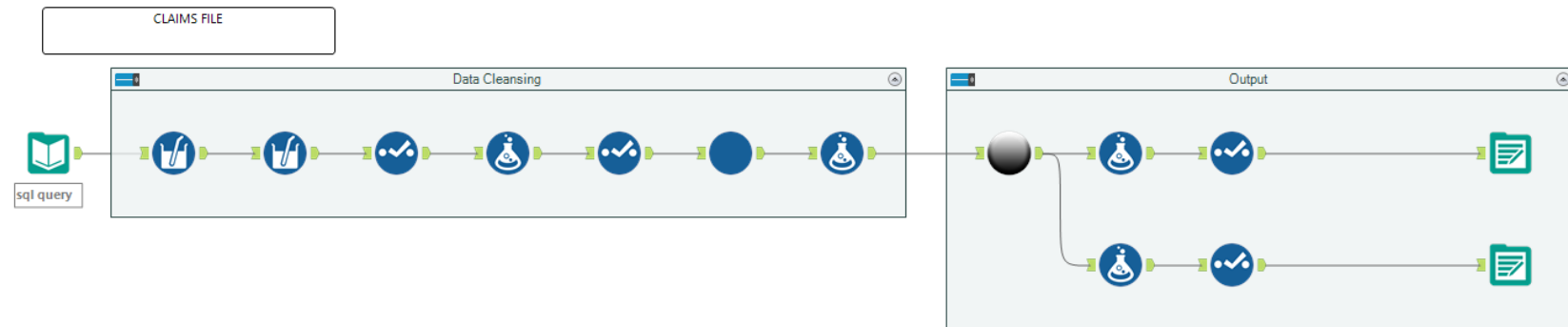
MEMBER MONTH



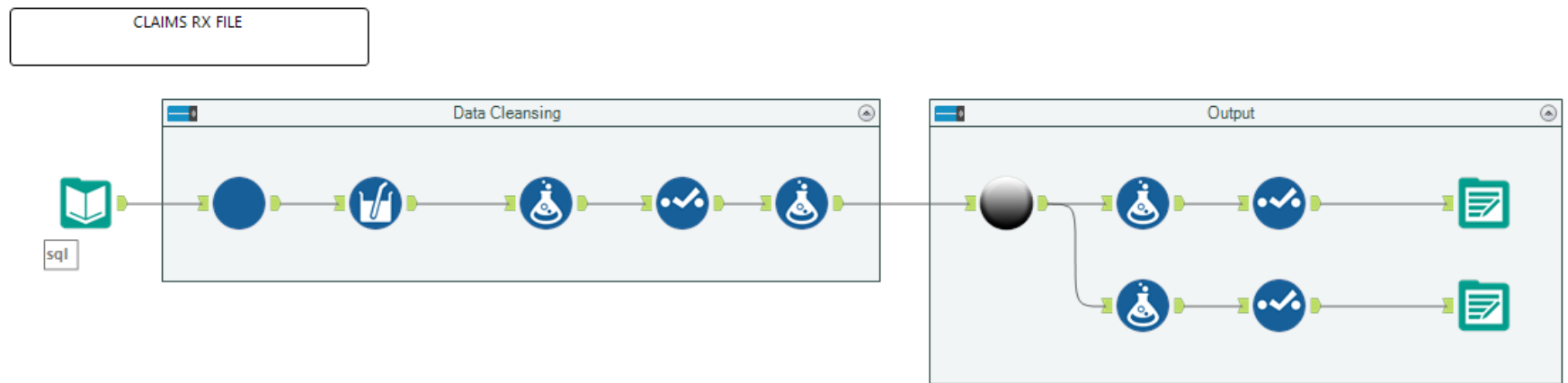
MEMBER DETAIL



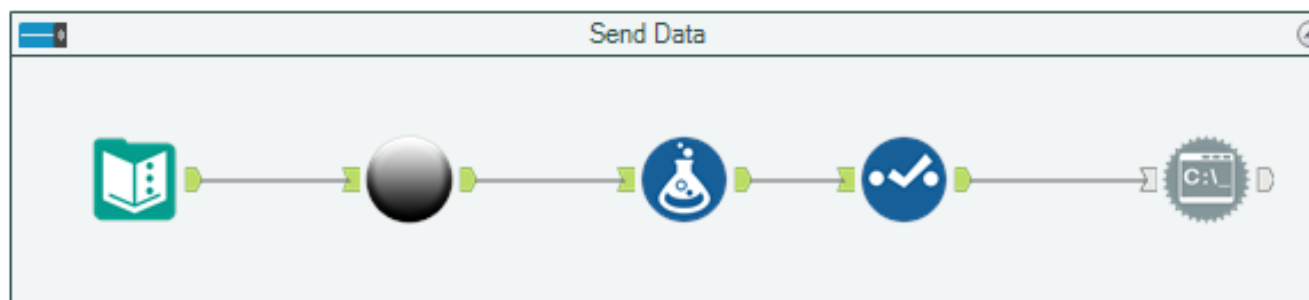
CLAIMS



PHARMACY CLAIMS



OUTPUT



BENEF- ITS

- 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



ALTERYX

INSPIRE

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SIGN UP TODAY FOR
BIG DISCOUNTS!

NASHVILLE
JUNE 10-14

[ALTERYX.COM/INSPIRE-2019](https://alteryx.com/inspire-2019)



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ALTERYX INSPIRE: CALL FOR SPEAKERS!

WE WANT YOU IN NASHVILLE!

REGISTER NOW CALL FOR SPEAKERS

HOME AGENDA TRAINING ABOUT PRICING

ALTERYX
INSPIRE
YOU • AMPLIFIED • 2019

NASHVILLE, TN
JUNE 10 - 14

YOU AMPLIFIED

You've disrupted the status quo, dissolved data conventions and altered everything we knew about analytics. This year, it's time to put your groundbreaking insights on the main stage at our annual user conference. Join us in Nashville as we celebrate the game changing stories that educate leaders and motivate a community of Data experts to shatter more barriers than ever before. It's all about You.Amplified.

Coming soon - attendees will have the opportunity to sign up for tailored training sessions that tackle Beginner through Expert level challenges to keep you solving at Inspire 2019. Keep your eyes on your inboxes and this website to learn what courses will be offered.

If you weren't able to join us in Anaheim for Inspire 2018, here is a sample of what you missed, and an example of the power content you can expect at Inspire 2019.

2019 CALL FOR ANALYTIC ROCK STARS IS NOW OPEN!

The stage is set. You're solving what once was considered impossible and now going after your company's most challenging opportunities. We know you're pushing the limits of data science and analytics. You deserve the spotlight as you present key learnings to a chorus of peers in your breakout session or on center stage in Nashville at Inspire 2019.

SUBMIT YOUR DEMO TAPE

alteryx | The Thrill
of Solving

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!

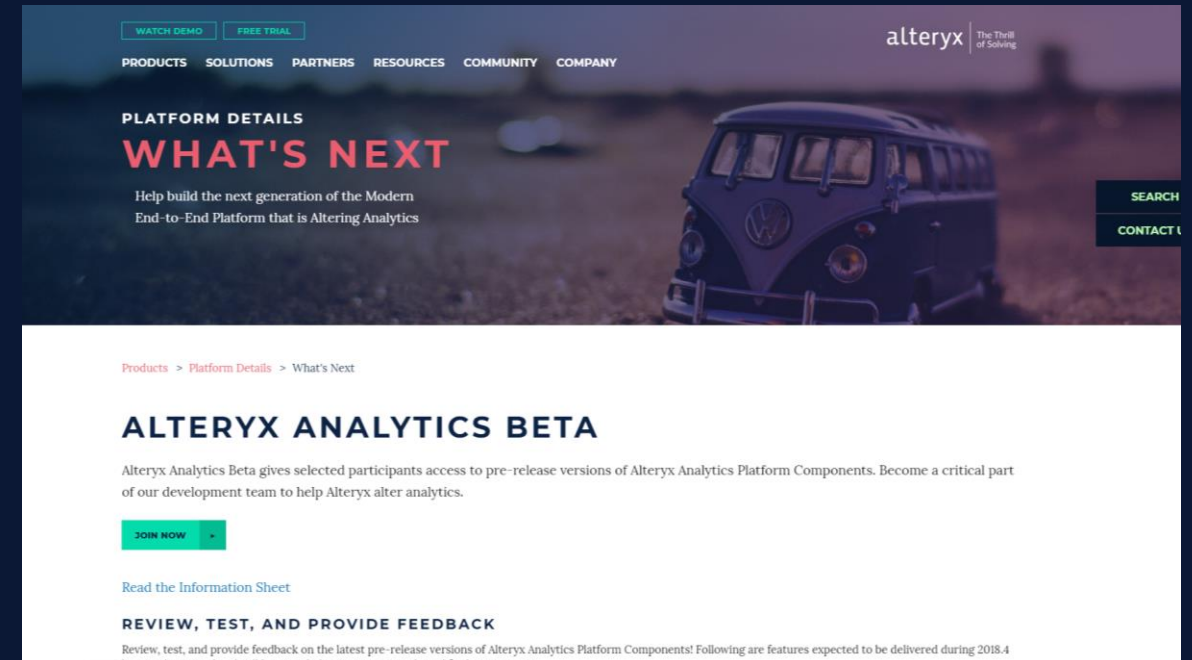
- Catch up on missed meetings!
- Share content with colleagues!
- Discover what other User Groups are up to!

The screenshot displays the Alteryx Community homepage. At the top, a blue navigation bar features the 'alteryx COMMUNITY' logo, a search bar, and a user profile for 'LaurenU'. Below the navigation bar is a large banner with the text 'ALTERYX YOUR POTENTIAL' and a description of the community's purpose. A sidebar on the left contains icons for various sections: GETTING STARTED, DESIGNER, SERVER, CONNECT, PROMOTE, ACADEMY, BLOGS, ALTER.NATION, CULTURE & EVENTS, ALTERYX ASSOCIATES (PRIVATE), and ALTERYX RESOURCES. The main content area is divided into several sections: 'DESIGNER' (15.3K Posts | 7.7K Solutions), 'SERVER' (937 Posts | 304 Solutions), 'CONNECT' (60 Posts | 11 Solutions), 'PROMOTE' (23 Posts | 1 Solution), 'ACADEMY' (294 Posts), 'BLOGS' (1.2K Posts), 'PARTNER COMMUNITY', 'ALTERYX USE CASES', and 'CULTURE & EVENTS' (255 Posts). A 'COMMUNITY ACTIVITY' box on the right shows statistics: 118407 Posts, 68971 Stars, and 8757 Solutions. A 'LATEST PHOTOS' section at the bottom right displays three profile pictures.

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>

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

The background of the entire image is a dense, overlapping collage of various vintage audio equipment. This includes numerous boomboxes, portable cassette players, and car stereos. The equipment is rendered in a dark, teal-blue color scheme, creating a textured, nostalgic backdrop. The main title 'ALTER EVERYTHING' is centered over this background. 'ALTER' is in a light teal color, 'EVERY' is in white, and 'THING' is in a reddish-pink color. A small red 'x' is positioned directly below the letter 'I' in 'THING'.

ALTER EVERYTHING

a podcast about data and analytics culture

USE CASE #2

“ALTERYX ON LOCATION”

JR Segovia & Nathan Taylor



@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

Enhanced Operational Reporting

PROBLEM

- **Inaccurate daily census reports**
- **High latency in bed utilization data**
- **Vendor verification and reimbursement**
- **Aggregate and stratify data throughout organization and units**

SOLUTION

- **Realtime census data**
- **Bed utilization report integrated with real-time census**
- **Vendor alignment with OIG exclusion list**

Enhanced Operational Reporting

INPUTS

EHR DATA

- CLINICAL
- PRACTICE MANAGEMENT DATA

FINANCIAL DATA

- BUDGET
- VENDOR LISTS

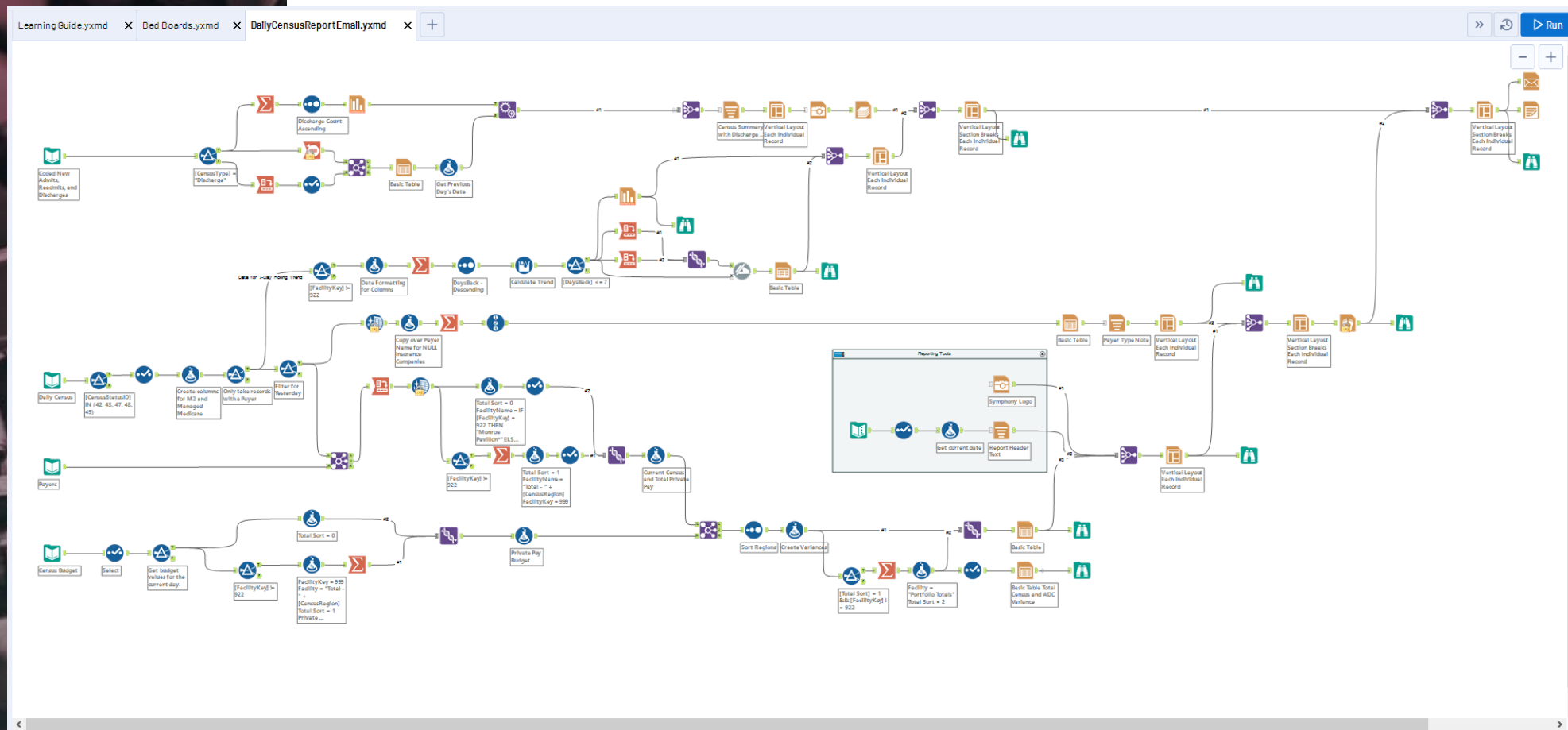
PROCESS

- CLEAN
- SORT
- JOIN
- SUMMARIZE

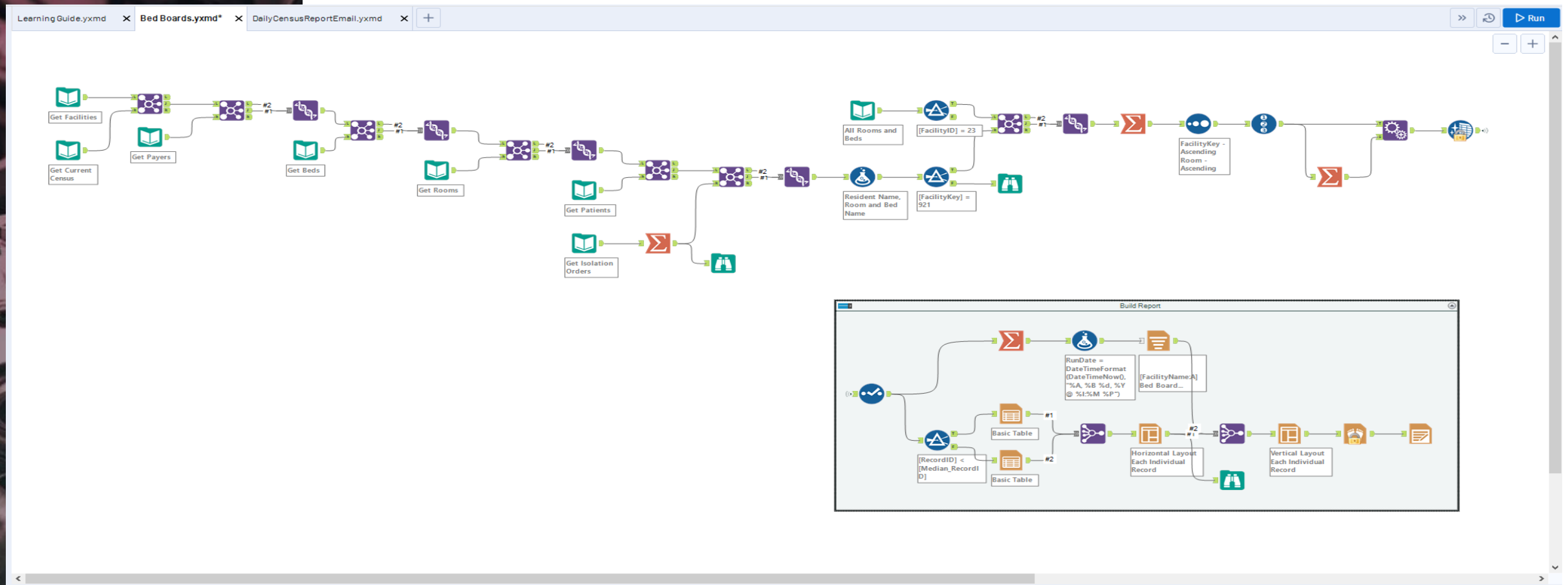
OUTPUTS

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

WORKFLOW SNAPSHOT



WORKFLOW SNAPSHOT



WORKFLOW SNAPSHOT

HOME

DISTRICTS

PRIVATE STUDIO

INSIGHTS

COLLECTIONS

WORKFLOW RESULTS

SCHEDULES

OIG Verification

RUN

Questions

Questions

Select OIG File (UPDATED.csv)

BROWSE

Select PCC Vendor List File (vendorlist.csv)

BROWSE

RUN

LOOKING FOR MORE?

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WORKFLOW

Learning Guide.yxmd X Bed Boards.yxmd X DailyCensus

#1 Select OIG .csv File

#1 Update Input Data Tool

#2

UPDATED.csv

#1 Select PCC Vendor List .csv File

#1 Update Input Data Tool

#2

vendorlist.csv

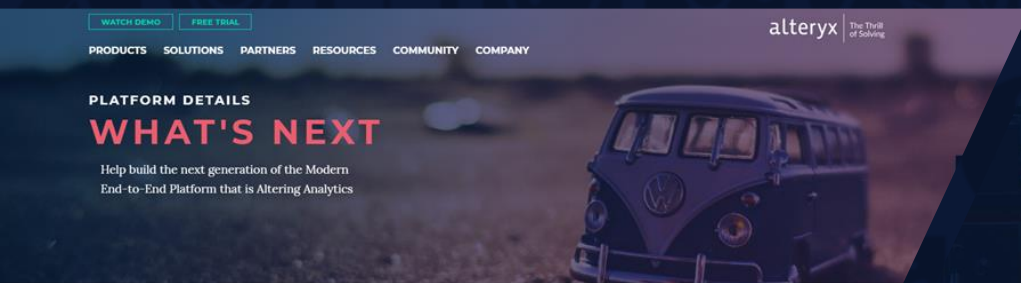
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ALTERYX INSPIRE YOU • AMPLIFIED • 2019



Q & A



Products > Platform Details > What's Next

ALTERYX ANALYTICS BETA

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Alteryx Analytics Beta gives selected participants access to pre-release versions of Alteryx Analytics Platform Components. Become a critic of our development team to help Alteryx alter analytics.

ALTER EVERYTHING

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Discussions		
WELCOME TO THE ALTERYX COMMUNITY		
Connect with peers and find out more about our community.		753
Latest Topic: Two Tables - No Common Fields - Need All Combinations		Posts
SETUP & CONFIGURATION		
Designer & Server: install, configure, deploy, and conquer!		3.7k
Latest Topic: Tomcat as a Web Server		Posts
DATA SOURCES		
Connectors, databases, files, hives, clusters, oh my!		6.6k
Latest Topic: Hive upload is taking so long		Posts
DATA PREPARATION & BLENDING		
Prep, parse, sum, flip, append, and blend your data!		31
Latest Topic: Use the results from the previous query to query from different databa...		22.5k
		Posts


NEXT STEPS

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[Alteryx.com](https://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!**