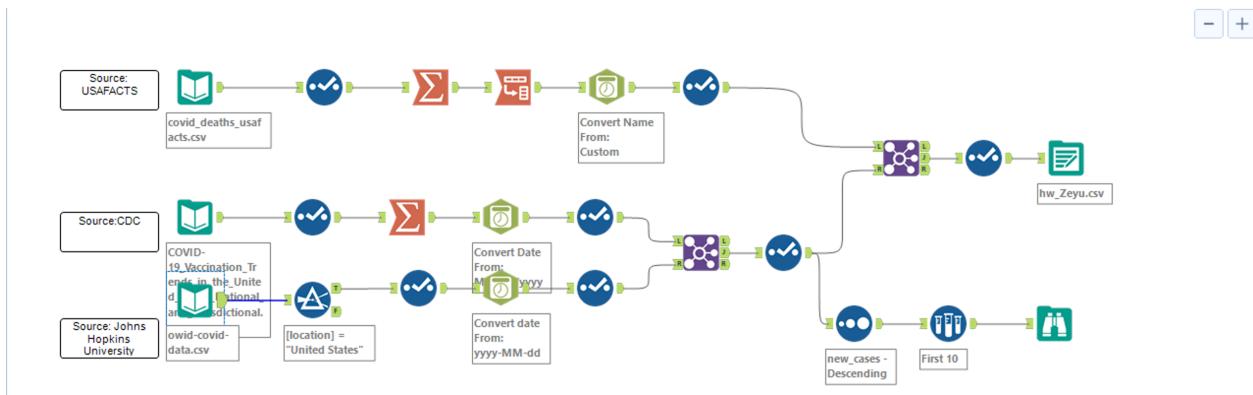
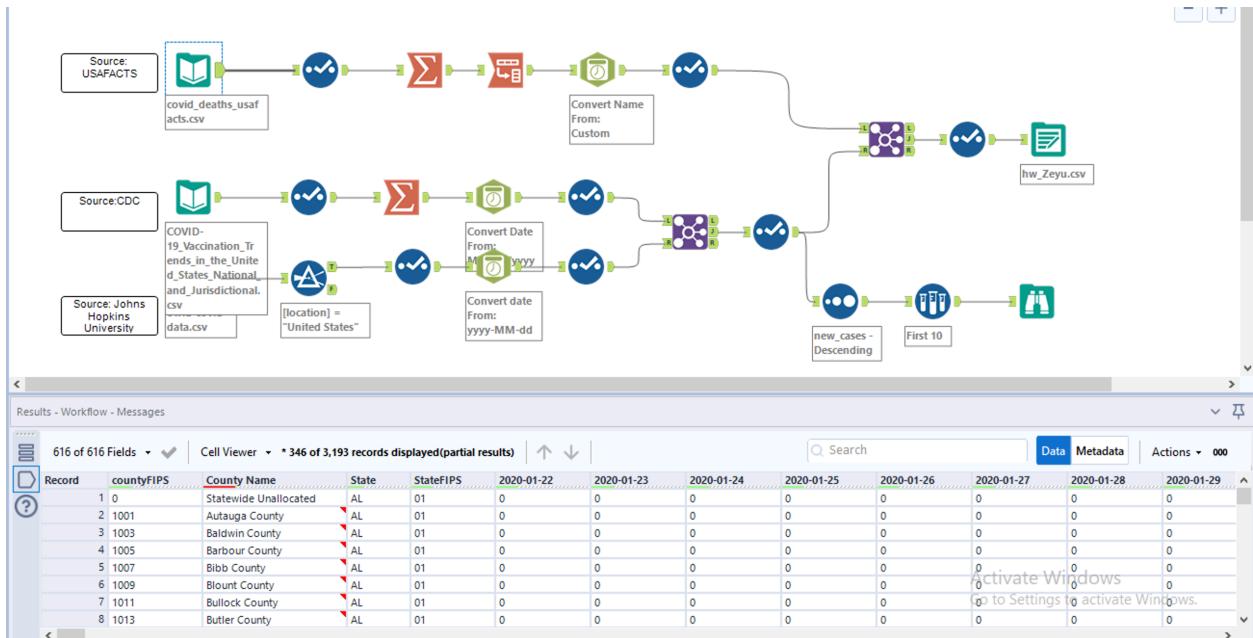


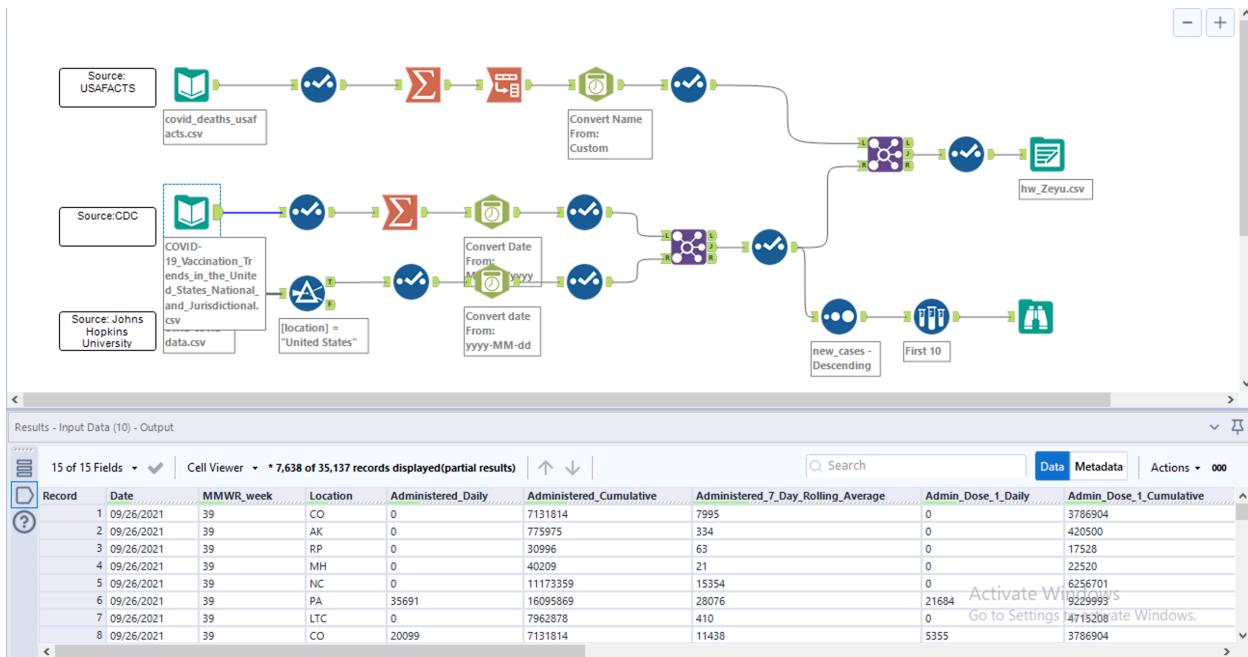
1.



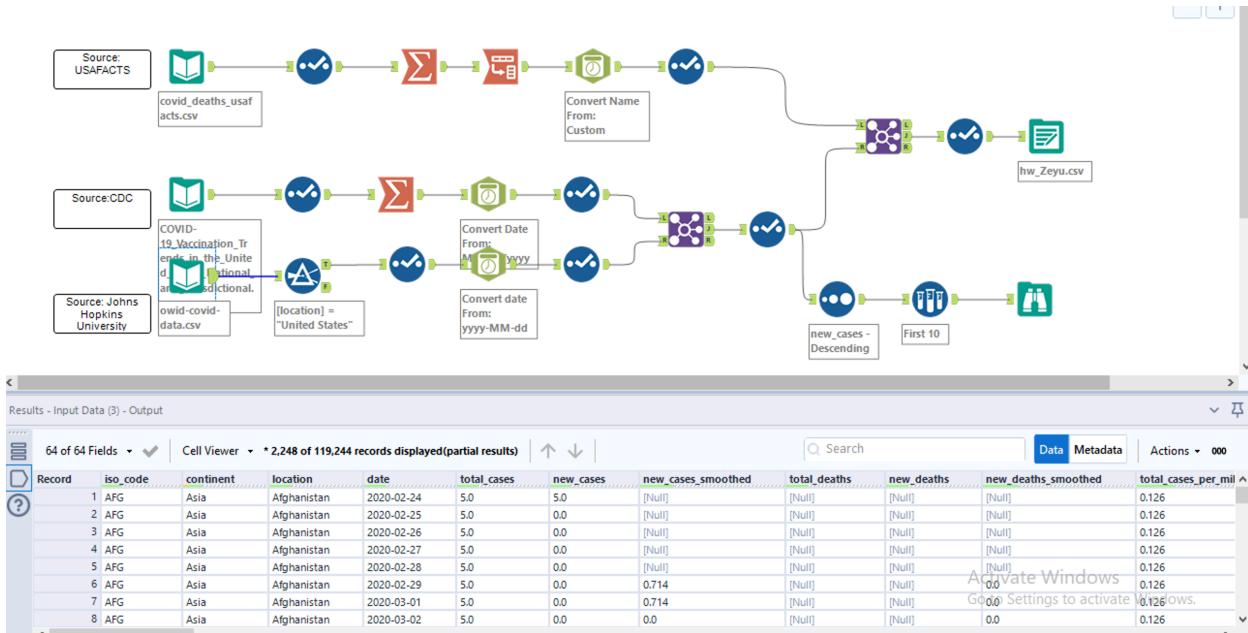
2.data1



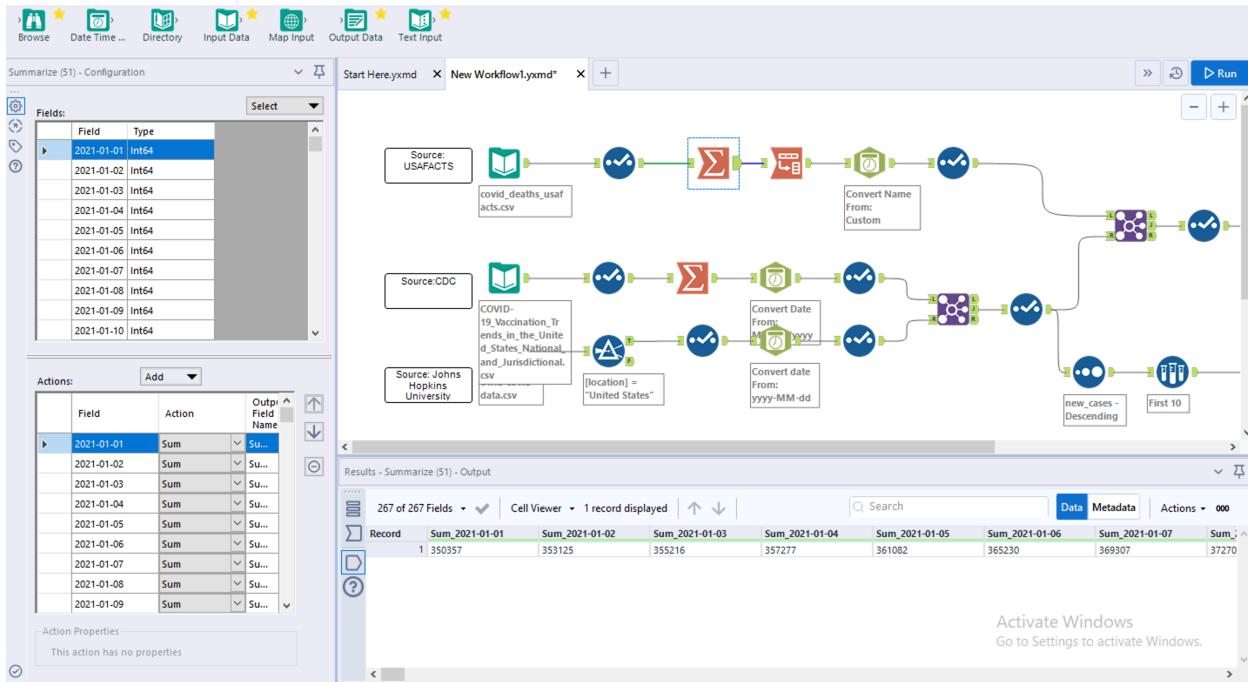
3.data2



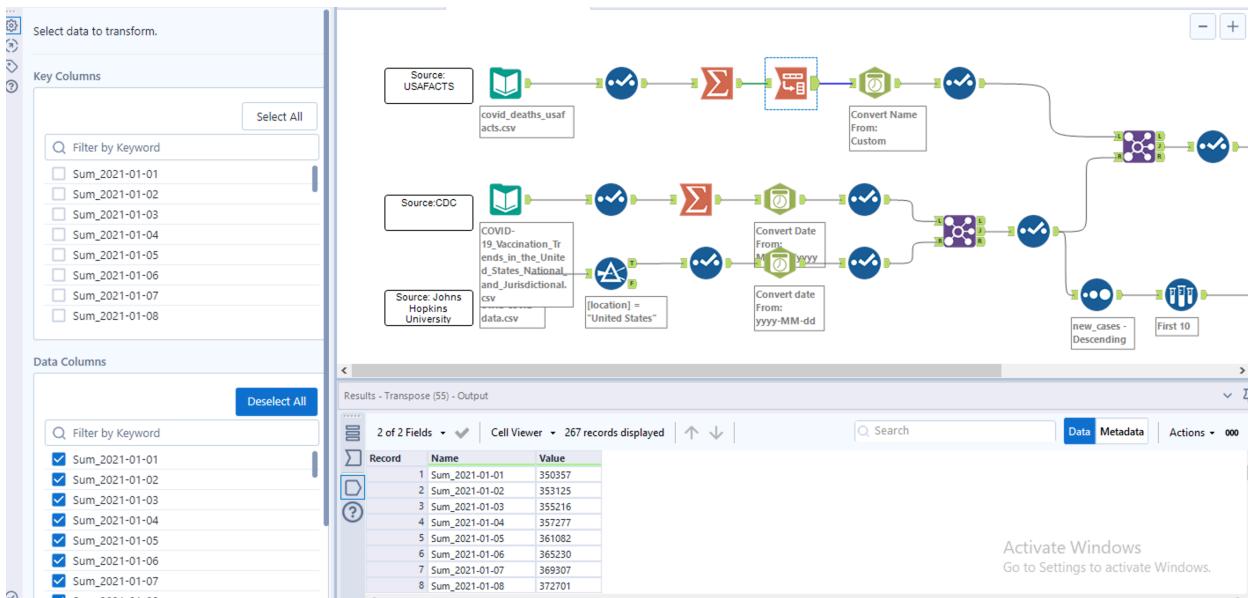
4.data3



5.



6.



7.

Date/Time (56) - Configuration

Select the format to convert
 Date/Time format to string
 String to Date/Time format
 Select the string field to convert

Name: DateTime
 Specify the new column name: DateTime
 Specify your Date/Time Language: English
 Select the format that matches the incoming string field:
 dd/MM/yyyy hh:mm:ss
 dd/MM/yy hh:mm:ss
 day, Month, yyyy
 dd-MM-yy
 dd-MMM-yy
 dd Month, yyyy
 dd/MM/yy
 dd/MMM/yy
 dd Month dd, yyyy
 MM-dd-yyyy
 MM-dd-yy
 MM/d/yy
 MM/d/d/yy
 Month dd, yyyy
 yyyy-MM-dd
 yyyyMMdd
 HH:mm:ss
 Custom

Specify the format of the incoming string field:
 Sum_yyyy-MM-dd
 Example: Sum_2000-01-02
 Output: 2000-01-02
 Note: The incoming string should match the example.

Start Here.ymd New Workflow1.ymd*

Source: USAFACTS covid_deaths_usaf acts.csv

Source: CDC COVID-19_Vaccination_Tr ends_in_the_United_States_National_and_Jurisdictional.csv

Source: Johns Hopkins University data.csv [location] = "United States"

Convert Name From: Custom

Convert Date From: yyyy-MM-dd

Convert date From: yyyy-MM-dd

new_cases - Descending

First 10

Results - Date/Time (56) - Output

Record	Name	Value	Date/Time
1	Sum_2021-01-01	350257	2021-01-01
2	Sum_2021-01-02	353125	2021-01-02
3	Sum_2021-01-03	355216	2021-01-03
4	Sum_2021-01-04	357277	2021-01-04
5	Sum_2021-01-05	361082	2021-01-05
6	Sum_2021-01-06	365230	2021-01-06
7	Sum_2021-01-07	369307	2021-01-07
8	Sum_2021-01-08	372701	2021-01-08

8.

Join (58) - Configuration

Join by Record Position
 Join by Specific Fields

Left: 1 DateTime & Right: DateTime_Out

Options ▾ ↑ ↓ TIP: To reorder multiple rows: select, i

Input	Field	Type
<input checked="" type="checkbox"/> Left	DateTime	Date
<input checked="" type="checkbox"/> Left	Value	Int64
<input checked="" type="checkbox"/> Right	DateTime_Out	Date
<input checked="" type="checkbox"/> Right	Sum_Administered_Cumulative	Int64
<input checked="" type="checkbox"/> Right	location	V_String
<input checked="" type="checkbox"/> Right	new_cases	V_String
<input checked="" type="checkbox"/> Right	*Unknown	Unknown

Start Here.ymd New Workflow1.ymd*

Source: USAFACTS covid_deaths_usaf acts.csv

Source: CDC COVID-19_Vaccination_Tr ends_in_the_United_States_National_and_Jurisdictional.csv

Source: Johns Hopkins University data.csv [location] = "United States"

Convert Name From: Custom

Convert Date From: yyyy-MM-dd

Convert date From: yyyy-MM-dd

new_cases - Descending

First 10

Results - Join (58) - Out - Join

Record	DateTime	Value	DateTime_Out	Sum_Administered_Cumulative	location	new_cases
1	2021-01-01	350357	2021-01-01	20077607	United States	164676.0
2	2021-01-02	353125	2021-01-02	21233566	United States	296457.0
3	2021-01-03	355216	2021-01-03	21944974	United States	203063.0
4	2021-01-04	357277	2021-01-04	23829981	United States	182681.0
5	2021-01-05	361082	2021-01-05	26285143	United States	231226.0
6	2021-01-06	365230	2021-01-06	28648734	United States	256321.0
7	2021-01-07	369307	2021-01-07	33581674	United States	288687.0
8	2021-01-08	372701	2021-01-08	37909252	United States	302959.0

9.

The screenshot shows the Alteryx Designer interface with a workflow titled "Start Here.ymd".

Left Panel (Configuration):

- Browse (46) - Configuration:** Shows 10 records displayed, 4 fields, 1,735 bytes. Fields include:
 - DateTime_Out:** Values: 2020-12-31, 2021-01-02, 2021-01-06, 2021-01-07, 2021-01-08, 5 more >
 - Sum_Administered_Cumulative:** Values: 19,055,561, 21,223,586, 29,648,734, 33,581,674, 37,909,252, 5 more >
 - location:** United States (10)
 - new_cases:** 255050.0, 256321.0

Middle Panel (Workflow):

The workflow consists of several steps:

- A summation step (Σ) followed by a script tool (red square).
- An "Convert Name From: Custom" step.
- A second summation step (Σ) followed by a script tool (red square).
- An "Convert Date From: yyyy" step.
- An "Convert date From: yyyy-MM-dd" step.
- A third summation step (Σ) followed by a script tool (red square).
- A fourth summation step (Σ) followed by a script tool (red square).
- A "new_cases - Descending" step.
- A "First 10" step.
- A final script tool (red square) followed by a CSV output icon (green square with a white file).

Right Panel (Results - Browse (46) - Input):

Record	DateTime_Out	Sum_Administered_Cumulative	location	new_cases
1	2021-01-08	37909252	United States	302959.0
2	2021-01-02	21223586	United States	296457.0
3	2021-01-07	33581674	United States	288687.0
4	2021-09-07	1522479000	United States	276318.0
5	2021-09-13	1540517564	United States	260152.0
6	2021-08-30	1498623826	United States	259936.0
7	2021-01-09	40643394	United States	250902.0
8	2020-12-31	19055561	United States	258805.0

Bottom Right Panel (Activate Windows):

Activate Windows
Go to Settings to activate Windows.

10. Output

The screenshot shows the Alteryx Designer interface with a configuration panel and a results viewer.

Left Panel (Select (60) - Configuration):

Shows a list of selected fields and their types and sizes:

Field	Type	Size
DateTime	Date	10
<input checked="" type="checkbox"/> Value	Int64	8
<input type="checkbox"/> DateTime_Out	Date	10
<input checked="" type="checkbox"/> Sum_Administered_Cumulative	Int64	8
<input type="checkbox"/> location	V_String	254
<input checked="" type="checkbox"/> new_cases	V_String	254
<input type="checkbox"/> *Unknown	Unknown	0

Bottom Left Panel (Select (60) - Configuration):

Shows a checkbox for "Use commas as decimal separators (String/Numeric conversions)".

Middle Panel (Workflow):

The workflow is identical to the one in the previous screenshot, starting with a summation step and ending with a CSV output.

Right Panel (Results - Select (60) - Output):

Record	DateTime	Death_num	Sum_Administered_Cumulative	new_cases
1	2021-01-01	350357	20077607	164676.0
2	2021-01-02	353125	21223586	296457.0
3	2021-01-03	355216	21944974	203063.0
4	2021-01-04	357277	23829981	182681.0
5	2021-01-05	361082	26285143	231226.0
6	2021-01-06	365230	29648734	256321.0
7	2021-01-07	369307	33581674	288687.0
8	2021-01-08	372701	37909252	302959.0

Bottom Right Panel (Activate Windows):

Activate Windows
Go to Settings to activate Windows.