

GETTING STARTED WITH THE ALTERYX DESIGNER

The Learning and Training program aims to enable, empower, and engage users so that they can solve the impossible. Upon completing this curriculum, not only will you be able to demonstrate your ability to perform analytics, but you will enter a world where no problem can go unsolved. The purpose of this document is to get you from where you are today, to confidently approaching problems you previously considered unsolvable. Using this document as a guide, our hope is that the path from those two points becomes clear with a prescribed path to success.

TOOL MASTERY

The intention of this sheet is to mark visible progress in your learning journey. Continually come back to this sheet and update based on your experienced comfort level and depth of knowledge within the tool. Each 'tick box' is worth one point. Use the chart on the following page to plot your knowledge. For example: If you are competent in 'Browse', select all the first two boxes and award yourself 2 points. The key to success in your learning journey is being honest with yourself. If done correctly, this sheet should show you what your strengths are and where improvement is needed.



Browse
Tool Difficulty: 1/10
 Novice
 Competent
 Proficient



Text Input
Tool Difficulty: 2/10
 Novice
 Competent
 Proficient



Input Data
Tool Difficulty: 5/10
 Novice
 Competent
 Proficient



Output Data
Tool Difficulty: 5/10
 Novice
 Competent
 Proficient



Select
Tool Difficulty: 2/10
 Novice
 Competent
 Proficient



Select Records
Tool Difficulty: 2/10
 Novice
 Competent
 Proficient



Formula
Tool Difficulty: 7/10
 Novice
 Competent
 Proficient



Filter
Tool Difficulty: 5/10
 Novice
 Competent
 Proficient



Sample
Tool Difficulty: 3/10
 Novice
 Competent
 Proficient



Unique
Tool Difficulty: 3/10
 Novice
 Competent
 Proficient



Sort
Tool Difficulty: 1/10
 Novice
 Competent
 Proficient



Text to Columns
Tool Difficulty: 4/10
 Novice
 Competent
 Proficient



Union
Tool Difficulty: 3/10
 Novice
 Competent
 Proficient



Join
Tool Difficulty: 3/10
 Novice
 Competent
 Proficient



Append
Tool Difficulty: 5/10
 Novice
 Competent
 Proficient



Summarize
Tool Difficulty: 6/10
 Novice
 Competent
 Proficient



Transpose
Tool Difficulty: 7/10
 Novice
 Competent
 Proficient



Crosstab
Tool Difficulty: 7/10
 Novice
 Competent
 Proficient



Tool Container
Tool Difficulty: 1/10
 Novice
 Competent
 Proficient



Comment
Tool Difficulty: 2/10
 Novice
 Competent
 Proficient

CURRICULUM

Lesson 1: Setup/Getting to Know the Alteryx Designer (30 min)



- Sign up the [Alteryx Community](#). There you can discover a wealth of content developed by Alteryx and customers alike! Go to the Alteryx Academy and take the first lesson [Introduction to the Alteryx Designer](#).



- Read through the 'Learning Guide' on Alteryx Designer Launch. If your Designer does not launch with the Learning Guide, go to the *options menu > user settings > edit user settings*. In the defaults tab, select 'Show Learning Guide on startup and re-launch the designer. Using this page as a centralized resource for all learning materials will be invaluable to your preparation experience

Lesson 2: Connecting to Files (60 min)



- Successfully pass the lessons: [Connecting to Files](#) and [Connecting to Multiple Sheets at Once](#)



- Read about configuring the [Input Data tool](#).
- Read about all the [supported data sources](#).
- Read the tool mastery article on the [Input Data Tool](#).



- Complete a tutorial *Help menu > Tutorials > Input and View Data > Connecting to Data*
- Complete the *Connecting to Data Exercise* in the *Help menu > Sample Workflows > Core Certification Kit*

Lesson 3: Viewing/Browsing Data (30 min)



- Successfully pass the lessons: [Viewing Data](#)



- Read about viewing data with the [Browse tool](#).
- See the browse tool examples in the [Tool Mastery](#).



- Complete a tutorial *Help menu > Tutorials > Input and View Data > Viewing Data*
- Review other reasons the Browse tool is critical at *Help menu > Sample Workflows > Learn One Tool at a Time > In Out > Browse*

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Lesson 4: Data Types and Data Type Manipulation (30 min)



- Successfully pass the lesson: [Understanding Data Types](#)
- Watch the following [recording](#) (start at 8:30) on data types (50 min)



- Read about the exact data type details in the [help](#).
- Read more applied cases of data types in action in [Tool Mastery](#).



- Complete the *Data Types Exercise* in the *Help menu > Sample Workflows > Core Certification Kit*

Lesson 5: Writing Data (30 min)



- Successfully pass the lesson: [Writing Data](#)



- Read about the exact data type details in the [help](#).
- Read more on writing data in the following [tool mastery](#).



- Complete the *Writing Data Exercise* in the *Help menu > Sample Workflows > Core Certification Kit*

Lesson 6: Data Blending (90 min)



- Successfully pass the following lessons: [Blending Data with Joins](#) and [Blending Data with Unions](#)
- Watch the following [live training](#) from 30:15 - 51:45



- Read configuration details on [Append](#), [Join](#), and [Union](#) tools.
- Read deeper details in the [Append](#), [Join](#), and [Union](#) Tool Mastery articles.



- Complete a tutorial *Help menu > Tutorials > Blend and Analyze Data > Joining Data Sources*
- Complete [challenge #38](#) of the Weekly Challenges
Bonus: Can you think of a way to check your answer in the weekly challenges using the Join tool?

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Lesson 7: Filtering Data (20 min)



Successfully pass the lesson: [Removing Rows from Your Data](#)



Read about the the filter in the [help](#).

Read more about the filter in action in [Tool Mastery](#).



Complete a tutorial *Help menu > Tutorials > Transform Data > Filtering Data*

Lesson 8: Parsing Data (90 min)



Successfully pass the lesson: [Separating Data into Columns and Rows](#)

Watch the training on [Parsing for Beginning Users](#)



Read about the Text to Columns tool in the [help](#).

Read more about Text to Columns tool in action in [Tool Mastery](#).



Complete a tutorial *Help menu > Tutorials > Transform Data > Blend and Analyze Data > Splitting a String Column*

Complete [Weekly Challenge #2: Preparing Delimited Data](#)

Lesson 9: Sorting/Sampling Data (35 min)



Successfully pass the lesson: [Sorting Data](#)

Successfully pass the lesson: [Sampling Data](#)



Read the help documentation around [Sort](#) and [Sample](#).

Read more about the [Sort](#) tool and the [Sample](#) tool in action in the Tool Mastery series.



Complete a tutorial *Help menu > Tutorials > Transform Data > Blend and Analyze Data > Sorting and Sampling Exercise*

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Lesson 10: Pivoting Data (45 min)



Successfully pass the lesson: [Creating Pivots and Totals](#)



Read the documentation on [Cross Tab](#) and [Transpose](#).

Read more about pivoting data in action in the [Cross Tab](#) and [Transpose](#)



Complete [Weekly Challenge #63: Data Preparation Using Pivot Tools](#)

Lesson 11: Writing Expressions (120 minutes)



Successfully pass the [Writing Expressions Course](#) that is made up of 7 lessons.



Read about the [Formula](#) tool and the [functions](#) that can be written within it.



Complete [Weekly Challenge #35: Data Cleansing Practice](#). Instead of using a data cleansing tool, use a Formula tool.