Free Trial

Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

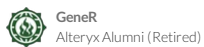Also available in | **Français** | **Português** | **Español** | 🔲🔲🔲

IDEAS WANTED
We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!
SUBMIT FEEDBACK ▸

Challenge #10: Date Time Calculations

GeneR
Alteryx Alumni (Retired)

Here is this week's challenge, I would like to thank everyone for playing along and for your feedback. The link to the solution for last challenge #09 is HERE. For this challenge let's look at the date and time functions in Alteryx.
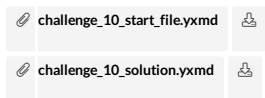
The use case:
A distribution center receives a package. At the point of receipt, the package is scanned and a timestamp is captured for arrival date/time. The company is trying to reduce the amount of time the package is at its facility and as a result is trying to analyze how long packages remain at the facility.

The objective for this challenge is to calculate the delta between arrival date/time and the Time_Now field (this field has the date/time of the creation of this challenge and will be changing as time goes on). Create a unique field for Days, Hours, Minutes and Seconds.

We have listed this as an intermediate exercise and I expect it will go very quickly for many of you. Let us know what you think, we are looking forward to hearing your feedback.
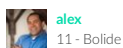
UPDATE 2/1/2016
You can find the solution below.

📎 **challenge_10_start_file.yxmd** 🗇

📎 **challenge_10_solution.yxmd** 🗇

Data Analysis   Intermediate   Preparation

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alex
11 - Bolide

Just a heads up, since the Time_Now stamp is slightly different in the input file vs. the output file, 2014-07-14 08:24:35 vs. 2014-07-14 08:25:16, the answers will be off by 41 seconds if you are verifying results against the output file.😊

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TaraM
Alteryx

A solution to this exercise has been posted.

Tara McCoy

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alex
11 - Bolide
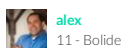
I went with the following formulas and solved it correctly using one less formula than the posted answer.

▸ Spoiler

mceleavey
17 - Castor

A simple modulo formula did the trick:

> ▷ Spoiler

bu:liən

📎 **challenge_10_solution.yxmd**   🖈

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MarqueeCrew
19 - Altair

I'm off to basecamp :)

Alteryx ACE & Top Community Contributor

Chaos reigns within. Repent, reflect and restart. Order shall return.
Please Subscribe to my youTube channel.

📎 **challenge_10_MarqueeCrew.yxmd**   🖈

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SeanAdams
17 - Castor

Very similar to all the others

> ▷ Spoiler

📎 **challenge_10_seanSolution.yxmd**   🖈

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NicoleJohnson
15 - Aurora

My solution. :)

> ▷ Spoiler

📎 **challenge_10_NicoleJohnson.yxmd**   🖈

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Laurap1228
11 - Bolide

Challenge #10 done in one tool!!

> ▷ Spoiler

📎 **challenge_10_LP.yxmd** ⬇

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👤 🅰🅲🅴 **estherb47**
15 - Aurora

also did this with one formula tool

📎 **challenge_10_EHB_solution.yxmd** ⬇

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