

We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.

2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.



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Weekly Challenge

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

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IDEAS WANTED

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

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Challenge #68: Elapsed Classroom Times



JoeM
Alteryx Alumni (Retired)

Last week's solution has been posted [HERE](#).

A university analyst has been asked to help with course and classroom resource planning. The university sends course times in military time format. The university analyst wants the fields Military Begin Time and Military End Time to display in standard, 12-hour increments. So, if a course ends at 16:30, he would like it to show as 4:30. He also wants to know what the elapsed time is between the two fields mentioned above. How long is each course? Minutes will be the time unit measured.

Standard Time	vs.	Military Time
Noon	=	1200
1:00 p.m.	=	1300
2:00 p.m.	=	1400
3:00 p.m.	=	1500
4:00 p.m.	=	1600
5:00 p.m.	=	1700
6:00 p.m.	=	1800
7:00 p.m.	=	1900
8:00 p.m.	=	2000
9:00 p.m.	=	2100
10:00 p.m.	=	2200
11:00 p.m.	=	2300

[challenge_68_start_file.yxmd](#)

[challenge_68_solution.yxmd](#)

Basic Data Analysis Preparation

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alex
11 - Bolide

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chris_fort

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 **ACE MarqueeCrew**
19 - Altair

Dear [@JoeM](#),

After seeing the error in my ways, I've read the instructions and completed my homework assignment.

Cheers,
Mark

Alteryx ACE & Top Community Contributor

Chaos reigns within. Repent, reflect and restart. Order shall return.
Please [Subscribe](#) to my YouTube channel.


 challenge_68_MarqueeCrew.yxmd 

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 **JoeM**
Alteryx Alumni (Retired)

[@MarqueeCrew](#), part of the challenge is to convert military time to display as standard time :)

  1 LIKE 

 **JSaumya**
6 - Meteoroid

Here is my solution!

 challenge_68_start_file_solution.yxmd 



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 **ACE NicoleJohnson**
15 - Aurora

My one-tool (plus a Select) solution!

PS. I took the liberty of adding some extra "data validation" to my answers, since there were a few unusual entries... For example: University students have a hard enough time keeping track of class times without worrying whether the start time is listed as *after* the end time...

▷ Spoiler



 challenge_68_NicoleJohnson.yxmd 

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 **ACE BenMoss**
ACE Emeritus

Here's the route I went down.

▷ Spoiler

 challenge_68_BM.yxmd 


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 **Simona**
7 - Meteor

I feel I used too many tools to solve this... I also thought to use a macro I built about duration, but I felt like cheating, so I made it from scratch :)

Good one! :)

▷ Spoiler



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 **SeanAdams**
17 - Castor

Very very similar solution to [@BenMoss](#)

▷ Spoiler

 challenge_68_Seansolution.yxzp 

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