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

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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!

SUBMIT FEEDBACK

Weekly Challenge

SOLVED

Challenge #165: KRYPTOS!!!

TerryT
Alteryx Community Team

OK, @cplewis90, this time we are tackling KRYPTOS!!!
(https://www.cia.gov/about-cia/headquarters-tour/kryptos)

There are 4 Sections to KRYPTOS, 3 have been solved.

We will attack Sections 1 and 2.

(The rest are beyond Advanced and are just for fun:)

Extra credit to those who can solve Section 3.

EXTRA EXTRA credit if you can solve Section 4!!!

(The start_file has been corrected for Section 3 as of 2019-05-21 -- Thank you @JohnJPS!)

challenge_165_start_file.yxmd

Data Analysis | Data Preparation | Difficult | Join | Parse | Preparation | Transform

Share | 6 LIKES | Reply

NicoleJohnson
15 - Aurora

And this is why I love Mondays.

Spoiler

This might be my favorite challenge ever, purely because it's a REAL one. SO COOL @TerryT!

Cheers (and I'll be back once I solve your dare, DO NOT WORRY, it will consume me until solved...),
NJ

EDIT: Finished Section III! :) Rather pleased with myself until I considered that I basically had the answer to begin with... and would have had no idea where to begin had I started without any clues. Also, I have definitely gone down the rabbit hole of Kryptos theory. CANNOT. STOP. ANALYZING.

Spoiler

challenge_165_NicoleJohnson.yxmd

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Alteryx Community Team

@NicoleJohnson,

Thanks! But I'm giving @cplewis90 all the credit / blame for the sleepless nights that may result from this challenge!

Share 3 LIKES Reply

---

cgoodman3
13 - Pulsar

Here's my solution for parts 1 - 4

Spoiler

Chris
Check out my collaboration with fellow ACE Joshua Burkhow at AlterTricks.com

challenge_165_solution.yxmd

Share 2 LIKES Reply

RolandSchubert
16 - Nebula

My solution for Parts I-IV ... it's really a challenge, great!

Spoiler

challenge_165_solution_rsc.yxmd

Share 3 LIKES Reply

Hannah_Lissaman
11 - Bolide

Here's my solutions for Section 1 and Section 2.

Spoiler

challenge_165_Solution.yxzp

Share 4 LIKES Reply

JohnJPS
15 - Aurora

@TerryT, Unless I'm missing something or perhaps cheating, from the starting point given, it's trivial to obtain the results desired for Section III. (The first two parts were excruciating and I cheerfully just studied other spoilers in order to learn the landscape; but Section III just seems to be sitting there plain as day... are we supposed to start from a different spot than the "Section III" text input provided?)

A-ha... I think the starting point needs to be that given here... then it's hard again. :-)

Spoiler

Share 3 LIKES Reply

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patrick_digan
17 - Castor

Spoiler

challenge_165_start_file.yxmd

Share 3 LIKES Reply

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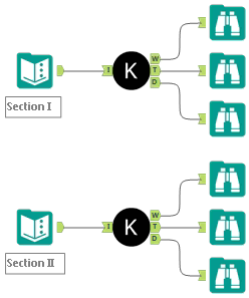
danilang
18 - Pollux

Excellent challenge @TerryT

Here's a spoiler free solution to sections I and II



The 3 outputs of Macro are
W=Vigenère Wheel Answer to Part I
T=Vigenère Table Answer to Part II
D=Decrypted text Answer to Part III

Spoiler

Section III will have to wait until I get a little more free time

On an unrelated note: the original version of my macro fell afoul of the issue raised by @cmcclellan here. Essentiallly, the generate rows tool had an initialization expression of "*A*" used *Char*<="Z" (uppercase Z) as the Condition Expression, while using the CharFrom\ToInt functions to increment the Char. When I ran this version, the loop stopped not at "Z" but at "z", implying that lowercase "z" was used to test the condition. Anyone else have this issue?

Dan

challenge_165_solution_DL.yxzp

Share 4 LIKES Reply

NancyS
8 - Asteroid

Fun Challenge!

Solved Part I and Part II.

challenge_165_start_file.yxmd

Share 2 LIKES Reply

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