Free Trial

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!

SUBMIT FEEDBACK ›

SOLVED   # Challenge #159: April ENcyptanalytics

TerryT
Alteryx Community Team

The last time I posted a challenge (#155) it dealt with string analysis and decrypting a message from a noisy block of text.

People have been interested in how I came up with the data block for the challenge.

I decided this would be a good opportunity to let you be creative and show me!

The challenge this week is to create an ENCODER for a message that is compatible with the DECODER we built in challenge #155.

The easiest thing to do would be to simply generate some number of copies of the input message
(even just copying out the original message), but let us disqualify all such non-encodings!

📎 challenge_159_start_file.yxzp

Data Analysis   Data Preparation   Difficult   Join   Parse   Preparation   Transform

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cgoodman3
13 - Pulsar

Here's my solution. My first 1st post :)

▷ Spoiler

A snippet of my encoded message:

RowCount	Concat_Concat_Value
1	Tlossm"WVTOSN thrw2meszbgs for-thw JEURUKR wv3b⬚izt#in Ghjr epye2,1l5!
2	Puejsx ENCbDL|his4mhs⬚jye h⬚r the)DESOFE' we huilt-iv1D|alle~gf|16553
3	[leaxj4IOCQTU zhx⬚1mys⬚ame wor tls*OECYDS[2wt b||ot$}t Chj|lqnke %155+
4	Qllmsn*KNCUGE thiv/wruypnj ftr thi-LSPOEWc'we.cuilt in Cxnlyewhe #15E!
5	Pued⬚e/EYCOSE ⬚hqs&mtssage kor he IMRXPER we txxit is)Khallvvhn"#=55*
6	|ejsl E_PXXV xziv messine%fov the WESREWS ⬚e p olt it Chgnlenjx47:55!
7	Slfae XNCbDE {hpy"ttvskgv fvr uho$XECODER wh ouilt in Chaslen{o`#@55&
8	R|iawf ENCODR ⬚yi me⬚sjgv|jzr-the%DEM^DRd ⬚m b⬚
9	d~ense EWCXTN'ttoz}ys uge#f⬚r ⬚he FXSPDER ⬚j bziz⬚1io Challxxvk (1D5!
10	Pqgowe{SNSODE*~his tt⬚}ugh sur }zh DECODXX ~e0bunpu%{n Chpolgyre)158!
11	[lea⬚e&HPIODR0whss xe|⬚api$lov&the DRS]JXR/we1m~olt*wn&Cnao}y~me #:5I
12	Pleasm-ENOODQ#tqqw'⬚o~aik!fwr"}he+FYCODSR4⬚e3bui|t xn Fhsv enye3#155!
13	V|erse EOCWJE txis myu⬚
14	Pluase"YaW_OT%⬚hiv&zksulkn0fsr v|e JVIODEb*we#runl⬚1mn Qkc⬚venlu 7@E<0
15	Tyya⬚h`ENCODE tzw  $mh⬚⬚qgm fw⬚`wue RJCODEd }e buyu⬚"in Cpttsenwe 11:52
16	Pxlsye*RZMODE4⬚hi~4qes⬚ake for thu MXCODE_ we*huint in*C|alle⬚om%2E5>+
17	b ea j/ENCOSF this me{sege3fjr"t|e)QELODSR ⬚i-b}iut}in.Chille|ko3#1:C!
18	Vlea~e ENC`SJ hss pessoil fpz3⬚he SFPORE[⬚e1but{x4pw0C⬚a venve *=G5!
19	blehze E[C^DP}{l}u.plssage hy⬚r ⬚rk1DHObXET,welcul⬚.sn3Challengq #8?D+

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

📎 challenge_159_solution.yxmd

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17 - Castor

Fun!

▷ Spoiler

🔗 **challenge_159_start_file.yxzp** 📥

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Alekh
8 - Asteroid

Fun! Will look for a more efficient method later. I had to make my own list of characters which probably made it more complicated than necessary.

▷ Spoiler

🔗 **159..yxzp** 📥

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afv2688
16 - Nebula

Interesting challenge :)

▷ Spoiler

🔗 **challenge_159_end_file.yxmd** 📥

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danilang
18 - Pollux

Fun Challenge @TerryT .

Encoded strings

RowCount	Concat_Value
1	N&Og^M N&RQU/;+Fp&,a}K:'#VfTP 8!TGqBCf8aJawI9oY0Vt+1%u@7aBSq%Qe ,A.L3
2	IeUwQ `bQODjnQxtS ![_[FtCJrDs sbHkLU7,4-R rqR[&%{g*:Ch\'I/L#q @JB%p
3	P7Dx2cs@!HXd* a/5Kct(7sju=.MkgntL1ID;76KcR6!sebsiːu')& f4d,$engg #]5]!
4	I%ea&~RE};Ec<}xZs| me7~0BP]UYrOaae}IJg<^qR tkIB_IiK ij7<\^5IM>IP^y5I!
5	;4y-sc){k2kUEkQX\S([I>}!=|UFoWLYZF8%0jrDWR`[tnb^i(AiIPGCHA*-Qn6Y4fAC5m
6	r8x^UZs10Q:5~ sh + De~mBPtWfK?a|+8/1I0:AERbwCvo#h3 1`4+CsrI#e@xDJB_r.)
7	;]>?HSyE`a=F.@A>H;fj>T4)"qdRwr BoJdGL>Uo2R (R8b]m=tH@Qbhh¡ib3beY)hPS!
8	sI#STuo[>\FAE]Tqf[4]BZcAg1h#=q2t<% O?N|QeDWhx$QU3k[Wn Fha*IwJ&e ewuen
9	J_fw+heWOVO4*^BNis#^5Q%bdeifR'=~\ E.XwwNicwm HI8&tX]L~!5aAcqI4x1#1M0!

▷ Spoiler

Dan

🔗 **challenge_159_solution_DL.yxmd** 📥

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NicoleJohnson
15 - Aurora

Me: This looks like a tricky one, but I'm sure I can get there using the skills I already have using the basic tools that I'm most familiar with.

Also me: ... Although this seems like a good time to try learning Python, on an extremely difficult challenge, even though I've never used it before... right?!?

▷ Spoiler

Extremely pleased that I eventually figured this one out... and jumping in the deep end appears to be the way to go with Python, because that was SUPER fun and now I want to try more :) #neverstoplearning #andnevertakeeasywayout

Cheers!!
NJ

🔗 **challenge_159_NicoleJohnson.yxzp**   ⬇

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🔲 **pasccout**
8 - Asteroid

Here is my solution

🔗 **challenge_159_my_solution.yxzp**   ⬇

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🔲 **cplewis90**
13 - Pulsar

I am a huge fan of this series! Thanks @TerryT! Next maybe we can tackle KRYPTOS with Alteryx!

▷ Spoiler

🔗 **challenge_159_CL.yxmd**   ⬇

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🔲 **RichoBsJ**
10 - Fireball

Thanks @TerryT nice challenge!! Right now, I feel like a spy in the Cold War haha

Hope you like my solution

▷ Spoiler

🔗 **challenge_159_richobsj.yxmd**   ⬇

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