**This is the very beginning of the ﻿ask-42261 channel**

[@AskBCS Learning Assistant](https://uscladatapt08-3lw9689.slack.com/team/U018UDXPHJ6) created this channel today. It’s private, and can only be joined by invitation. Add description

 Add people Connect an app Forward emails to this channel

**Today**

[](https://app.slack.com/team/U018UDXPHJ6)

[**AskBCS Learning Assistant**](https://app.slack.com/team/U018UDXPHJ6)**APP**  [10:03 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245825000200)  
joined ask-42261 along with Kosal Sieng.

[](https://app.slack.com/team/U018UDXPHJ6)

[**AskBCS Learning Assistant**](https://app.slack.com/team/U018UDXPHJ6)**APP**  [10:03 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245825000500)

**ASK-42261** | Postgres | Assignment  
*Submitted****Feb 1 10:03 PM***

unable to load table to postgres table

**Thank you for submitting your question!**  
We are currently looking for a Learning Assistant to help you. If you have any additional information that would help us answer your question - such as images, screenshots, or code snippets - please add them below.

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:04 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245874000600)  
Hi ksieng2012, my name is Brandon and I will be assisting you.What do you go by?

[10:04](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245881000700)

What have you done so far?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:04 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245888000900)

Hi Brandon

[10:04](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245890001100)

Kosal

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:04 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245899001200)  
Has schema been created? e.g. CREATE TABLE ...



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:05 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245906001400)

yes I did

[10:05](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245914001700)

let me capture the error message

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:05 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245929001800)  
Sure thing.



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:05 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245952002000)

this is my table

[10:05](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245955002100)

image.png

[10:06](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245974002300)

image.png

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:06 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612245999002500)  
Hmm interesting...

[10:07](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246024002600)

Its saying there is an error within the csv header.



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:07 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246038002900)

ahh i see, i miss a column

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:07 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246039003000)  
What is the first line of the csv look like?

[10:07](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246044003100)

Does it match the schema?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:07 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246051003200)

image.png

[10:07](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246059003400)

image.png

[10:07](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246070003700)

i miss the population

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:08 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246084004100)  
Ah



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:08 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246094004400)

my brain dead now. is there a way to append a column?

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:08 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246094004500)  
I think that might cause an import error.

[10:09](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246175004600)

Hmm I'm old school, I would drop a table and create a new using the query tool.

[10:11](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246284004800)

my brain dead now. is there a way to append a column?

This time of night is rough...

[10:11](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246284004900)

Does that help?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:11 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246285005000)

I see. let me try

[10:14](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246452005200)

it still error

[10:14](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246467005300)

image.png

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:17 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246674005500)  
Alright

[10:18](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246694005600)

Typically error 1. Means that the schema does not match up with the csv.

[10:18](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246724005700)

Meaning that int/decimal or varchar maybe misued.

[10:19](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246744005800)

Or the character limit doesn't match the data.

[10:19](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246749005900)

in the csv.



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:19 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246774006100)

ok, thank you

[10:19](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246783006400)

hmm

[10:20](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246810006900)

wait one more question

[10:20](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246820007000)

image.png

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:20 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246829007300)  
Alright.



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:20 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246848007800)

right now I have assumed office and term\_up as date

[10:20](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246859008200)

data type as date in the sql table

[10:21](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246870008500)

do you thing it might be the problem?

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:21 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246879008600)  
That would not work.

[10:21](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246889008700)

Set it to varchar.

[10:21](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612246900008800)

Postgres has a format that needs to be adhered for date.

[10:23](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247039008900)

'YYYY-MM-DD' or 'YYYYMMDD'

[10:24](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247074009000)

I would use excel or pandas to normalize your csv data to adhere to the above format.

[10:24](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247084009100)

Go with YYYY-MM-DD



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:25 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247115009300)

ok, let me try.

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:25 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247119009400)  
The quick and dirty solution is setting it to varchar.

[10:25](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247140009500)

But you will not be able to query based off of date.

[10:25](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247154009600)

Within your database.



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:26 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247162009800)

I see,

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:26 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247164010000)  
You have to query based of a string match.



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:26 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247170010200)

what is the better way to do it?

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:26 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247214010300)  
Load up pandas load the csv



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:27 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247228010500)

ok

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:27 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247234010600)  
see if you can utilize this pandas function.

[10:27](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247235010700)

<https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.to_datetime.html>

[10:27](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247279010800)

This will convert it to a YYYY-MM-DD format.

[10:28](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247289010900)

df = pd.DataFrame({'year': [2015, 2016],  
  
                   'month': [2, 3],  
  
                   'day': [4, 5]})  
  
pd.to\_datetime(df)  
0   2015-02-04  
1   2016-03-05  
dtype: datetime64[ns]

[10:28](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247314011000)

Then upload it to postgres.

[10:28](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247324011100)

and try your import again.

[10:28](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247329011200)

Does that help?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:29 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247388011400)

then I can

[10:29](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247389011600)

CREATE TABLE "senate" (  
    "key" int   NOT NULL,  
    "st" varchar(10)   NOT NULL,  
    "state" varchar(50)   NOT NULL,  
    "senator" varchar(100)   NOT NULL,  
    "party" varchar(100)   NOT NULL,  
    "born" varchar(50)   NOT NULL,  
    "assumed\_office" varchar(50)  NOT NULL,  
    "term\_up" varchar(50)   NOT NULL  
);

[10:29](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247398011900)

use date for assumed office right?

[10:30](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247410012200)

instead of varchar(50)

[10:30](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247421012400)

I change it to varchar

[10:30](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247430012700)

i can upload now

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:30 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247444012800)  
Yes.

[10:31](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247479013400)

Is population in there?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:31 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247498013700)

oh yes, I use alter table

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:31 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247499013900)  
is term\_up a int?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:31 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247502014000)

let me add it

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:31 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247509014100)  
is born an int?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:33 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247582014500)

ah you are right

[:bust_in_silhouette:](https://app.slack.com/services/B019J97TWBA)

[**brandonwong**](https://app.slack.com/services/B019J97TWBA)**APP**  [10:33 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247599014600)  
Did it work?



[**Kosal Sieng**](https://app.slack.com/team/U018W8YRBHR)  [10:33 PM](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247602014800)

CREATE TABLE "senate" (  
    "key" int   NOT NULL,  
    "st" varchar(10)   NOT NULL,  
    "state" varchar(50)   NOT NULL,  
    "senator" varchar(100)   NOT NULL,  
    "party" varchar(100)   NOT NULL,  
    "born" int  NOT NULL,  
    "assumed\_office" varchar(50)  NOT NULL,  
    "term\_up" varchar(50)   NOT NULL,  
    "population" int   NOT NULL  
);

[10:33](https://uscladatapt08-3lw9689.slack.com/archives/G01LN35TLHH/p1612247612015100)

yes it work thanks brandon.