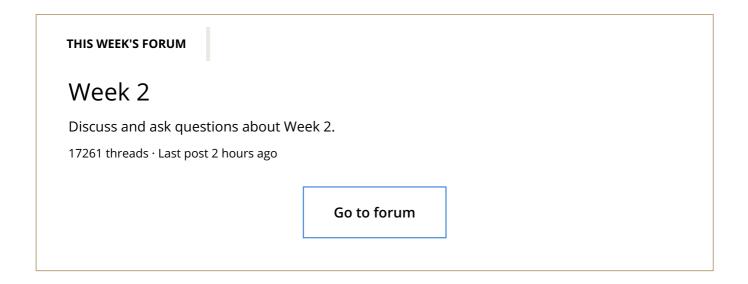






Discussion Forums

Get help and discuss course material with the community.



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← All Course Discussions



🔕 Mentor tips for submitting your work 🖈



Tom Mosher Mentor All Course Discussions · 4 years ago · Edited

Note (added April 19, 2018):

These tips only apply if you are using Octave or MATLAB installed on your computer. If you are using "MATLAB Online", they may not be entirely accurate.

This post is a collection of how-to's for fixing issues when you try to submit your programming exercises for grading.

If you use all the tips in this thread and still cannot submit your work - please start a new thread. Include your operating system and version of Octave or MATLAB.

Versions of Octave and MATLAB.

=

The course programming assignments were originally tested using MATLAB R2015a and Octave version 3.8.2. The state that the programming assignment submit method will work with older versions.

Octave version 3.8.2 is no longer recommended.

If you are using Octave, then version 4.4.1 or later is recommended. Octave 3.8.x has some issues particularly if you're using OS X or ubuntu.

You cannot use Octave 4.0.0. It has a fatal error when you run the "submit" script. Use the instructions in the Resources menu "Installation Issues" or "Tips on Octave OS X" to get a newer version.

Important tips for new ML students: <a hre

If your functions give the correct results when you run the exercise script (ex1, etc...), but you get no credit when running the submit script, read this next paragraph carefully:

"The submit grader uses a different test case than the one in the exercise script. Your functions must work correctly with any size of data set. That includes the number of training samples, the number of features, and the number of labels."

Programming exercise **Tutorials** and additional **Test Cases** are in the Resources menu.

FAQs:

There is a FAQ thread in the Discussion Forum area for each Week of the course. Please read the FAQ thread for that Week before you post a question on the Forum.

Debugging your code:

You can debug inside your functions by using the "breakpoint" tool in the GUI code editor, or by placing a "keyboard" command in the code. When the code is executed, it will break to the debugger console, where you can inspect the sizes of the variables, and try hand-entering some commands to find where the problem occurs. Resume execution by entering the "return" command in the debugger.

If you are using MATLAB and see an error message like this...

courserd

Submission failed: unexpected error: Invalid field name: 'x0x_0x\${sprintf('%X',unicode2native(\$))}__0x\${sprintf('%X',unic'.

... it typically means you're using a version of MATLAB that is too old. Use the MATLAB version that is linked to this course (see Week 2 materials for instructions).

If you are using MATLAB and see an error like this in programming exercise 2...

Undefined function 'fminunc' for input arguments of type 'function_handle'

...this means you do not have the Optimization Toolbox installed, or the license isn't activated. Search the MATLAB Help forum for assistance.

When you run the submit script, if you are seeing error messages that contain any of these phrases...

 urlread(), curl(), "oops an error occurred", "grader sent an HTML response"

...here are some issues you can check.

- If you are using **Octave 4.0.0**, **you must switch to a newer or older version**. Octave 4.0.0 has a fatal error when you run the submit script. There is a bug in the printf() function, which was fixed in Octave 4.0.1. Or, you can use "MATLAB Online".
- Be sure you have write permission to the folder where the exercise scripts were extracted, so that you can edit the script files.
- The submit script wants your <u>Coursera email address</u> and the <u>exercise Token</u> for that exercise when you submit the work - NOT your Coursera password.
 Each programming assignment page displays the Token for use with that exercise.
- Do not change your email address after the course begins. You must use the same email address as you used when you registered for the course.
- Your email address and domain should not contain any punctuation except '.'
 and '@'.
- Extract the contents of the exercise archive preserving their folder attributes. You should have an "ex?/" working folder, and subfolders "ex?/lib" and "ex?/lib/jsonlab". Do not change any of the folder names included in the exercise zip files.

courserd

If you run the submit script and get an error about "Undefined function or variable 'submitWithConfiguration':

- Set your Octave or Matlab working directory using the 'cd' command to the "..\machine-learning-ex?/ex?" folder where you extracted the exercise files.
- Never use the "addpath()" command to point to the exercise folder.

Other tips

- If you switch between Octave and MATLAB and run the "submit" script, you must delete any "token.mat" file from your "../ex?" exercise folder. Then run submit again and re-enter your email and Token. Octave and MATLAB use different '.mat' file formats, and they cannot read each other's 'token.mat' files.
- Be sure you copy-and-paste the Token, because the font has some similarlooking upper and lower-case letters.
- If you see the error "username or password cannot be verified", or "Connecting to ml-class...", the solution is to use only the exercise archive scripts from **this** session of the course not any previous versions.
- Your cost functions should return the grad as a column vector size (n x 1). The submit grader doesn't check for this, but other functions will complain and throw warnings if your grad is a row vector (1 x n) that's bad.
- Do NOT use the dot() or mtimes() functions to perform a dot product between two vectors or matrices. Instead, use the '*' math operator.
- Folder names should NOT have any embedded 'space' characters. Use '-' or '_' instead.

The submit script wants to connect to www-origin.coursera.org on port 443. Any of the following items can cause a connection failure (**"oops an error occurred"** or **"grader sent an HTML response"** or **"grader sent no response"**), so try...

- Temporarily disable your firewall
- Temporarily disable your anti-virus software
- Configure Octave or Matlab to use your proxy settings. Restart Octave/MATLAB after you configure the proxy settings.

There is a unique Token for each exercise, which is found on the "Programming Assignment" page for that exercise. There is also a link on that page to generate a new Token, which is worth trying when all else fails.

-	-	-	-	
	_			
=	_	_	=	

Sometimes deleting your "token.mat" file and re-running the submit script (reentering your email address and Token will see "conon-existent field 'email_address'" runtime error.

Q

After you've checked all of these items, if you are still having a problem, then start a new discussion thread detailing your issue.

Reply

Follow this discussion

△This thread is closed. You cannot add any more responses.

	Earliest Top Most Recent				
	✓ Diego Galeano · 4 years ago				
	It works for me I'm running my program in Matlab R2011a and Windows 7. The first time it didn't because I was trying through a network which use proxy, so don't try with proxy				
	✓ Aravind Kumar · 4 years ago				
	Thanks a lot was trying for a long time				
	û Upvotes ☐ Reply				
	•				
AK	Akshay Kumar · 4 years ago				
	the link in the url peer certificate is broken				
	↑ 0 Upvotes				
	• • • • • • • • • • • • • • • • • • •				
	Tom Mosher Mentor · 4 years ago				
	I believe the link is still good, what's broken is that the Forum software was recently updated, and it doesn't take you directly to an individual post any more. You have to scroll-around on the page to find the post that has a pale yellow highlight.				
	Or, are you getting an error message instead of a Forum page>				
	û 1 Upvote				



ΑK Akshay Kumar · 4 years ago COUISEIC



thank you, it was the forum page

↑ 1 Upvote



David clark · 4 years ago

This is gobbledygook verbage to me. Trying to untangle all the jargonwould require a full computer course in itself. Why making it so difficult for people who are simply using windows current version?

1 Upvote



Paul T Mielke Mentor · 4 years ago

David, Sorry that this is so difficult, but we are kind of at the mercy of the combination of how Coursera set up their grading mechanism and bugs in the Open Source Octave package. You may want to consider switching to Matlab. That is a professionally supported software package, so it tends to be much easier to install and configure. Generally speaking it "Just Works", although there are still other problems you can run into with network environments.

↑ 2 Upvotes



Tom Mosher Mentor · 4 years ago

@David:

As Paul said, if you want ready-to-run set of tools, MATLAB is your best option. We've done our best to make the current version of Octave work for this course, but it requires a little bit of effort on the student's part.

Be aware that this course involves a lot of problem-solving through writing program scripts.

↑ 0 Upvotes



Tom Mosher Mentor · 4 years ago · Edited

@David,

And, hopefully the gobbledygook will start to make sense after you've watched all of the Week 1 and Week 2 videos.



I strongly recommend you watch all the Week 1 and Week 2 videos before you attempt the figure assignment.

C



David clark · 4 years ago

I had already watched them all twice and studied. they don't cover what to do about the prohibitive problems with octave/windows8 or the fact that I remain unable even to submit assignments. over a week dealing with these secretarial-type issues with no resolution (I finally threw my hands up and got matlab), and without solutions it appears that I will not even be able to submit the assignment successfully.

⊕ 0 Upvotes



Nina Deng · 4 years ago

hello, I am getting below error message

Login (email address): nina-dc@163.com

Token: qIT7yC3lSHY8lu7H

!! Submission failed: unexpected error: Error using urlreadwrite (line 58)

Could not POST to URL.

!! Please try again later.

I am using MATLAB 2015a and windows 7.

please let me know how can I solve this. all thanks for your attention.

û 0 Upvotes



Tom Mosher Mentor · 4 years ago

Hopefully you have read the key post at the top of this thread. It gives some advice on tackling this issue.

⊕ 0 Upvotes



Nicolas Vecchione · 4 years ago · Edited

Hi!

I started the course today and would like a little help submitting.

I am having the same issue as the poster I am replying to (urlreadwrite generic error viting error) the same Windows and Matlab version), occuring at the first assignment.

Q

Should I post a new thread in the discussion of that particular assignment?

I am asking because:

- 1. I doubt that my error is assignment specific
- 2. my program is debugged up to the part when we are asked to submit for the first time
- 3. I tried everything in the top post that I could find (even things that didn't directly to the error, just in case).

Thanks in advance for your advice, just trying to avoiding posting in the wrong place.

Nicolas

⊕ 0 Upvotes



Tom Mosher Mentor · 4 years ago

Yes, please start a new thread. This one is getting too congested. I'll meet you over there.

⊕ 0 Upvotes



Nicolas Vecchione · 4 years ago

Hi Tom

I have done as you proposed, and the thread is here: https://www.coursera.org/learn/machine-learning/programming/8f3qT/linear-regression/discussions/KURlyUgoEeWxHxlGetKceQ

I have been doing some work on my own since then, but still no change in the answer given by submit().

Hopefully you or others can help!

Nicolas

⊕ 0 Upvotes

MS

Michael Stewart · 4 years ago

tried file mod: '[code, responseBody]= ...".



Got error message:

courserd

"'curl' is not recognized as an internal or external command, operable program or batch file. !! Submission failed: unexpected error: input file does not exist..."

Checked text of mod as entered several times.

↑ 1 Upvote

Hide 1 Reply



Tom Mosher Mentor · 4 years ago

Which version of Octave or Matlab were you using?

⊕ 0 Upvotes

DB

Debashish Banik · 4 years ago

yes, I did. I restarted the Octave and working.

↑ 0 Upvotes

Hide 1 Reply



Tom Mosher Mentor ⋅ 4 years ago

Thanks for your reply. I'll add that to the instructions.

⊕ 0 Upvotes



Tom Mosher Mentor · 4 years ago

Have you installed the set of patches that fix the errors in Octave 4.0.0?

https://www.coursera.org/learn/machine-

<u>learning/discussions/vgCyrQoMEeWv5yIAC00Eog/replies/nbnnOQ8pEeWZSyIAC5bWOg</u>

↑ 0 Upvotes

Reply

DB

Debashish Banik · 4 years ago

Hi, I am getting below error message

Login (email address): debashishbanik@gmail.com

Token: 6nnaAo1rkvyHY3bm

!! Submission failed: unexpected error: 'savejson' undefined near line 78

column 10

!! Please try again later.



I am using octave 4.0.0 and windows 7.

coursera

please let me know how can I solve this.

û Upvotes

☐ Hide 10 Replies



Filippowski Vitali Aleksandrovich · 4 years ago

Hello, I am getting the same error message:

!! Submission failed: unexpected error: 'savejson' undefined near line 78 column 10

!! Please try again later.Octave 4.0.0 Windows 7

Patches installed. Do you solved this problem?

û Upvotes



Tom Mosher Mentor · 4 years ago

Usually this problem is due to not installing the patch files correctly. Install the patches to the ../machine-learning-ex1/ex1 folder, and use the provided folder paths.

You may have to re-install the patches again, and delete any of the patch files that ended up in your ../ex1 folder.

Note that you have to install the patches again for every programming exercise.

⊕ 0 Upvotes



Filippowski Vitali Aleksandrovich · 4 years ago

I tried to submit with Matlab 2015a and it works

↑ 1 Upvote



Thomas P. Oberst · 4 years ago

I am getting the same error message and have tried to reinstall. Can you elaborate on your recommendation?

== Submitting solutions | Linear Regression with Multiple Variables...

Login (email address): oberst@comcast.net

Token: 7zEyl8IL9iDHieYx

!! Submission failed: unexpected error: 'savejson' undefined near line78 column 10

!! Please try again later.

>>

⊕ 0 Upvotes



Tom Mosher Mentor · 4 years ago

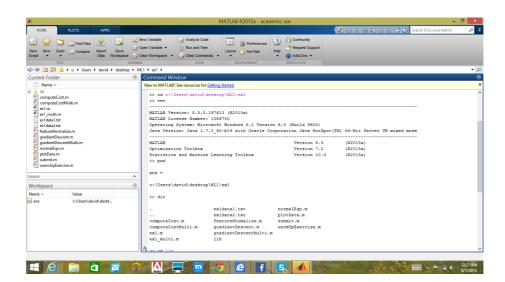
Be sure you're using your same email address as what you log in to Coursera with.

Try entering these commands in your workspace, and post back the results:

- 1 ver
 2 pwd
 3 dir
 4 cd lib
 5 dir
 6 cd jsonlab
 7 dir
- ↑ 1 Upvote



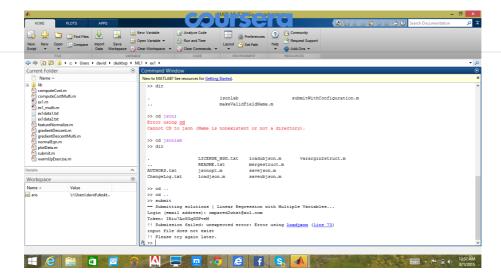
David clark · 4 years ago



û Upvotes



David clark · 4 years ago



⊕ 0 Upvotes



David clark · 4 years ago

I hope the two screenshots above get to the problem. Every step of the way in this course the procedures do not work as advertised and I spend tens of hours of time trying to deal with secretarial problems at the course's end, and now less than two days to go and I haven't been able to even submit once, with more questions to be answered and a quiz yet to pass because of all this wasted time. my frustration level is sky high and onl

↑ 1 Upvote



Tom Mosher Mentor · 4 years ago

That all looks good. I really don't know why it isn't working for you.

One more thing to try. Enter these commands and post your replies:

- 1 pwd2 path
- û Upvotes



Tom Mosher Mentor · 4 years ago

Meanwhile I'll ask the Matlab expert guru to have a look at your screen captures.



ND

Nachiket Deo · 4 years ago

Now it is giving following error.

warning: load_path: ./lib/jsonlab: No such file or directory

warning: load_path: ./lib: No such file or directory

warning: load_path: ./lib/jsonlab: No such file or directory

warning: load_path: ./lib: No such file or directory

warning: load_path: ./lib/jsonlab: No such file or directory

warning: load_path: ./lib: No such file or directory

error: 'submit' undefined near line 1 column 1



Tom Mosher Mentor · 4 years ago

Please reply with what computer type, operating system, and version of Octave or Matlab you are using.

⊕ 0 Upvotes



Tom Mosher Mentor · 4 years ago

Also note that there is now a patch available for Octave 4.0.0 using Windows. See this thread for the instructions:

https://www.coursera.org/learn/machinelearning/discussions/T2B_aen5EeSnBSIAC4s0zg/replies/OhMwaQ8pEe WZSyIAC5bWOg

↑ 0 Upvotes

ND Nachiket Deo · 4 years ago

I'm running octave 4.0.0 on windows 8.1 and yes I extracted the patch you suggested. I don't know why it's still giving the error.

⊕ 0 Upvotes



Tom Mosher Mentor · 4 years Sursero

Q

Most likely the problem is one of two things:

You may have any of the three problems listed at bottom of my post that started this thread (firewall, proxy, or anti-virus software). Try fixing any of those issues.

The patch wasn't installed in the correct folder (the "ex1" folder in the case of programming exercise ex1).

↑ 0 Upvotes

ND Nachiket Deo · 4 years ago

I reinstalled octave and problem was solved! Thank you!

↑ 0 Upvotes

JL John Lingle · 4 years ago

Patch worked great using Octave 4.0 GUI

↑ 0 Upvotes



Tom Mosher Mentor · 4 years ago

Thanks for your report.

⊕ 0 Upvotes

ND Nachiket Deo · 4 years ago

Submission failed: unexpected error: urlread: Couldn't resolve host name



Paul T Mielke Mentor · 4 years ago

Eugen,

If you are getting exactly that error message, then the first thing to check is whether your network requires your browser to use a proxy server. If so, then you'll need to configure Matlab or Octave to use the same settings. Please let us know what version of Octave or Matlab you are using and what type of system you have (Windows 7, 8, 10, linux, MacOS ...).



↑ Tupvotes







Caleb Andrade Sernas · 4 years ago

It worked! I'm using Octave 4.0 / windows vista, installed the patch as advised and my work was submitted successfully. Thanks!

↑ 1 Upvote



Arulkumar · 4 years ago · Edited

By using the patch given by Tom Mosher, the submission works well with Octave 4.0.0 + Windows 7.

Thanks a lot!

û Upvotes

☐ Hide 8 Replies



Tom Mosher Mentor ⋅ 4 years ago

Thanks for the report.

û Upvotes



Venkatesh Lokare · 4 years ago

Worked first time Octave 4.0/win 7 Thanks a lot!!

⊕ 0 Upvotes



Tom Mosher Mentor · 4 years ago

Thanks for your report.

û Upvotes

Ν

Nayan · 4 years ago

Thank you very much..lt works for me.

↑ 0 Upvotes



Manu Goyal · 4 years ago

Worked for me...windows7 / Octave 4.0...thanks!











Alice Broadhead · 4 years ago

Worked for me too. Also windows 7/Octave 4.0.

↑ 0 Upvotes



Tom Mosher Mentor · 4 years ago

Thanks for your reports.

û Upvotes

JC Joshua Cynamon · 4 years ago

Hooray! Thanks so much, Tom M! I've now been able to submit some backlogged assignments and I'm back on my way. I'm much obliged.

↑ 0 Upvotes



Tom Mosher Mentor · 4 years ago · Edited

Patch files are available that fixe the several types of error in the Submit process:

(Note: the OP in this thread now contains the instructions for installing the necessary patches (and identifies two different formats of patch file depending on which operating system you are using).

Please see the main post at the top of Page 1 of this thread.

=========

keywords: octave windows patch

☐ Hide 53 Replies

See earlier replies



Y. Bosco · 4 years ago

Great! Thanks, it worked

⊕ 0 Upvotes



Cristian Bull • 4 years ago

Thanks weird face man, both solutions worked (Windows 7, Octave 4.0.0)

o) Courser

↑ 1 Upvote



Tom Mosher Mentor · 4 years ago

Thanks, tiny-man-with-a-monitor.

RB Richard Benson · 4 years ago

That worked. Thanks! (Upvoted)

û ∪ Upvotes

金

金禄旸·4 years ago

huh, finally found this 4.0 patch .But I am in China ,I have no access to google drive.Do I have to get through the Chinese firewall?Do I have to get through the firewall in order to submit anyway?

☆ 5 Upvotes

金

金禄旸·4 years ago

I'm glad to find this octave4.0 patch.But I'm in China,so I have no access to your google drive.Do I need to ,get through GFW?Do i have to get through the firewall to submit anyway?

↑ 1 Upvote

EL Enrique Martin Lopez · 4 years ago

Patch successful using Octave 4.0.0. Thanks!

↑ 0 Upvotes

AS Anubhav Srivastava · 4 years ago

Thanks. This patch worked!

û Upvotes



Adam Tow · 4 years ago

The patch worked for me on Windows 10 with Octave 4.0.0



↑ 0 Upvotes









Manu Goyal · 4 years ago

Works on Windows 8.1 / Octave 4.0, Windows 7 / Octave 4.0 as well.

Thanks!

û ∪ Dyvotes

Ρ Pablo · 4 years ago

> Ubuntu 10.04, Octave 4.0 patch doesn't work. Pls any suggestion thanks.

↑ 0 Upvotes

RD Romain Derollepot · 4 years ago

> The patch solved a peer certificate error (Win7, Octave 4.0.0), thanks a lot!

↑ 0 Upvotes

DP David Palma · 4 years ago

I was getting, for Linux with Octave 4.0.0, the following error:

- !! Submission failed: unexpected error: urlread: HTTP reponse code said error
 - 2 !! Please try again later.

Used this patch (and ignored the "submitWithConfiguration.m" file). Worked like a charm!

SD Sergio Jimenez de Domingo · 4 years ago

Thanks! it worked on Windows 7 using Octave 4.0.0

↑ 0 Upvotes

ALAndrew Lysyk · 4 years ago

> I had an issue with the patch. I'm running Octave 4.0.0 on Ubuntu 14.04.2.



Double-quotes were being removed from the JSON String when being echoed, resulting in 500s COURSE CO

C

Can you please update L67 of submitWithConfiguration.m to:

Key is the escaped single quotes around the jsonBody=%s

↑ 1 Upvote



William D. Wickart · 4 years ago

Thanks for the list of things to try, in order. I'm down to the last step, trying to configure the Octave 3.8.2 proxy settings. Can you point me at instructions? I've tried half a dozen searches and maybe a dozen web sites, but nothing applicable comes up.I cannot disable my firewall or security software (company policy).



Tom Mosher Mentor · 4 years ago

If you're behind some strong company security measures, they may not let you have the information to get through the proxy server.

If you get the proxy information, you'll need to set up the Octave environment variables.

These links should get you started on how to set the environment variables, once you get the info.

https://www.gnu.org/software/octave/doc/interpreter/Environment-Variables.html

https://lists.gnu.org/archive/html/help-octave/2012-08/msg00477.html



Arulkumar · 4 years ago · Edited

Is there any workaround for octave 4.0.0 yet?

I get the HTTP trace https://www.dropbox.com/s/t3p51xuz26g2qsi/HTTP trace.txt?dl=0



specifically I see some lines

<= Recv header, 36 bytes (0x24)

0000: HTTP/1.1 500 Internal Server Error

<= Recv header, 40 bytes (0x28)

0000: Content-Type: text/html; charset=utf-8

<= Recv header, 122 bytes (0x7a)

0000: Set-Cookie: CSRF3-Token=1434659148.jMMFLuyuql5TWmRg;

Expires=Thu

0040: , 18 Jun 2015 20:25:48 GMT; Path=/; Domain=.coursera.org

<= Recv header, 114 bytes (0x72)

0000: Set-Cookie: __204u=8261893793-1433795148589; Expires=Tue, 07 Jun

0040: 2016 20:25:48 GMT; Path=/; Domain=.coursera.org

<= Recv header, 45 bytes (0x2d)

0000: Strict-Transport-Security: max-age=31536000

<= Recv header, 47 bytes (0x2f)

0000: X-Coursera-Request-Id: jKCnqw4cEeWISCIACwSNDQ

<= Recv header, 22 bytes (0x16)

0000: Content-Length: 1941

<= Recv header, 24 bytes (0x18)

0000: Connection: keep-alive

== Info: HTTP error before end of send, stop sending

<= Recv header, 2 bytes (0x2)

0000:

Is it something to do with Coursera Server?

I am not sure :(



⊕ 0 Upvotes

Hide 2 Replies





Tom Mosher Mentor · 4 years ago · Edited

Sorry, not yet. We are testing a patch that seems to work.

(Update: July 31, 2015: Yes, there is a work-around)

The issue is a confirmed flaw in Octave 4.0.0. It's not Coursera's problem.

For Windows, Octave 3.8.2 works fine after you apply Liran's workaround for the SSL connection issues.

The challenge is finding an installer for 3.8.2 - it's no longer available via the main Octave distribution.

↑ 1 Upvote



Arulkumar · 4 years ago · Edited

As an information, I have installed octave 3.8.2 in Windows 7 from cygwin.

http://wiki.octave.org/Octave for Microsoft Windows#Octave 3.8.2 o n cygwin

☆ 6 Upvotes

4 1 2 **>**

DESCRIPTION

Welcome to the course discussion forums! Ask questions, debate ideas, and find classmates who share your goals. Browse popular threads below or other forums in the sidebar.

MODERATORS

































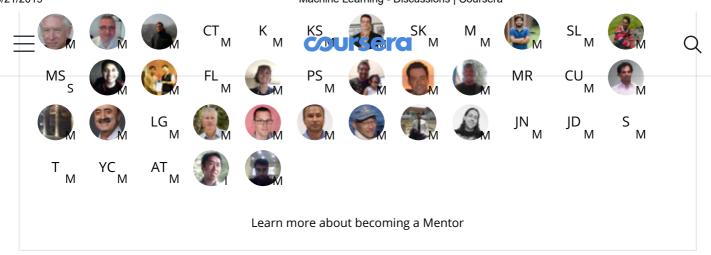












Forum guidelines >