Youtube Links

Bias-Variance:

<https://youtu.be/EuBBz3bI-aA>

KNN

<http://theprofessionalspoint.blogspot.com/2019/01/knn-algorithm-in-machine-learning.html>

Regularization with Ridge

<https://www.youtube.com/watch?v=Q81RR3yKn30>

<https://youtu.be/Q81RR3yKn30>

why ridge regression only decrease slope not increased

<https://stats.stackexchange.com/questions/402889/why-ridge-regression-only-decreases-slope-and-not-increases-it>

gradient discent in 3 steps and 12 drawings

<https://www.charlesbordet.com/en/gradient-descent/>

Git install::

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If anyone has problems with git: follow the following steps:

1) Delete the folder

2) create a new one and put your code back in

3) navigate to this folder using terminal

4) git init

5) git remote add origin “link of github repo”

6) if it asks you for password and email during this process enter the same

7) git pull origin master

8) git add .

9) git commit -m “message”

10) git push origin master

You are done

Next time you change the code, you can just save it

Go back to the terminal

Git add. Will show the new changes in red

Push it after committing

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Vector Norms

<https://youtu.be/5fN2J8wYnfw>

Ridge regression

<https://youtu.be/5asL5Eq2x0A>

Gradient Descent video on coursera :

<https://www.coursera.org/learn/machine-learning/lecture/db3jS/model-representation>

Secondly, here are 3 videos (tiny ones, I would typically ask you to watch over the week anytime)

part 1: https://www.youtube.com/watch?v=Kdsp6soqA7o

Part 2: https://www.youtube.com/watch?v=sunUKFXMHGk

Part 3: <https://www.youtube.com/watch?v=4jRBRDbJemM>

Here is the EDA reference notebook for the EDA exercise last week.

<https://www.kaggle.com/toramky/eda-for-automobile-dataset>

<https://www.analyticsvidhya.com/blog/2016/01/guide-data-exploration/>

canva.com has resume templates for folks who are too lazy

Folks who wanted datasets to work on:

https://www.cooldatasets.com/

6) and 8 should be good for starters

The datasets can get pretty massive and unclean