DATA SCIENCE

Pre-processing and other stuff- complete by august end, maximum 3 days for it. Maximum part is already covered these are some papers and blogs to read practice done on titanic dataset rest do on other projects

1. https://towardsdatascience.com/introduction-to-data-preprocessing-in-machine-learning-a9fa83a5dc9d
2. abhishek-parashar/Deep_learning sig on my github
3. http://scholar.google.com/scholar?q=From+Data+Mining+to+Knowledge+Discovery+in+Databases
4. https://machinelearningmastery.com/how-to-identify-outliers-in-your-data/
5. https://machinelearningmastery.com/improve-model-accuracy-with-data-pre-processing/
6. https://machinelearningmastery.com/discover-feature-engineering-how-to-engineer-features-and-how-to-get-good-at-it/
7. http://jmlr.org/papers/special/feature03.html

MATHEMATICS AND STATISTICS

Already done again refer college math books for gaining an insight.

1. Matrices and Determinants from college book
2. Probability cb- college book
3. Permutation and combination from class 11 maths book

4 .successive differentiation and vectors as well as differentiation and integration from college

5.linear algebra – gilbert strang- https://www.youtube.com/watch?v=Cx5Z-OslNWE&list=PLUl4u3cNGP63oMNUHXqIUcrkS2PivhN3k

6. https://youtu.be/AD3K8j12EIE

DATA VISUALIZATION

1. https://www.youtube.com/watch?v=q7Bo_J8x_dw&list=PLQVvvaa0QuDfefDfXb9Yf0la1fPDKluPF
2. https://www.youtube.com/watch?v=u6Xd3kRHhJI&list=PLQVvvaa0QuDc2QjQOkZ4rtLYZVll_sZFZ
3. https://www.youtube.com/watch?v=ge6DAaJ-leM&list=PLQVvvaa0QuDdZO64qRXReimsOIogR-nLT
4. https://www.youtube.com/watch?v=ZlpFQNVhB7I&list=PLQVvvaa0QuDe60TfxLrJzdQEacMEItxl-
5. https://www.youtube.com/watch?v=E6gvtfQHJUs&list=PLQVvvaa0QuDdEHKNFNvDxLqNPhb3NVEqz

Machine learning

1 from notebooks- Deep learning sig on github

2 start coursera course

3 applcations of ml- https://www.youtube.com/watch?v=OGxgnH8y2NM&list=PLQVvvaa0QuDfKTOs3Keq_kaG2P55YRn5v

Deeplearning

I

Practical - https://www.youtube.com/watch?v=wQ8BIBpya2k&list=PLQVvvaa0QuDfhTox0AjmQ6tvTgMBZBEXN

Tensor flow – deep learning. Ai course

Tensor flow object detection https://www.youtube.com/watch?v=COlbP62-B-U&list=PLQVvvaa0QuDcNK5GeCQnxYnSSaar2tpku

Nlp https://www.youtube.com/watch?v=FLZvOKSCkxY&list=PLQVvvaa0QuDf2JswnfiGkliBInZnIC4HL

Sentiment - https://www.youtube.com/watch?v=CMyoQbBq5IE&list=PLQVvvaa0QuDfRO5bQFLcVgvIOIhNUZpZf

Still we will first do deep learning.ai course

Cs230- https://www.youtube.com/watch?v=PySo_6S4ZAg&list=PLoROMvodv4rOABXSygHTsbvUz4G_YQhOb

Nando de Freitas- https://www.youtube.com/watch?v=dV80NAlEins&list=PLE6Wd9FR--EfW8dtjAuPoTuPcqmOV53Fu

Cs 224- https://www.youtube.com/watch?v=8rXD5-xhemo&list=PLoROMvodv4rOhcuXMZkNm7j3fVwBBY42z

Cs 231- https://www.youtube.com/watch?v=vT1JzLTH4G4&list=PL3FW7Lu3i5JvHM8ljYj-zLfQRF3EO8sYv

Andrej karpathy - https://www.youtube.com/watch?v=NfnWJUyUJYU&list=PLkt2uSq6rBVctENoVBg1TpCC7OQi31AlC

Fast.ai- https://www.fast.ai/ bahot achha course hai

Bass itna hi bahot hai

GAN after deep learning next semester or earlier

Ahlad kumar - https://www.youtube.com/user/kumarahlad/playlists

reinforcement learning- after deep learning

notebooks

sentdex
https://www.youtube.com/watch?v=yMk_XtIEzH8&list=PLQVvvaa0QuDezJFIOU5wDdfy4e9vdnx-7

https://deepmind.com/blog google

http://videolectures.net/rldm2015_silver_reinforcement_learning/ google video

bass bahot hai

python and other stuff side by side do it

open cv -
https://www.youtube.com/watch?v=Z78zbnLlPUA&list=PLQVvvaa0QuDdttJXlLtAJxJetJcqmqlQq

web scrapping-
https://www.youtube.com/watch?v=pLoRrHEsHb0&list=PLmcBskOCOOFUmbUv0CIMuATDVKVrOhBMV

https://www.youtube.com/watch?v=aIPqt-OdmS0&list=PLQVvvaa0QuDfV1MIRBOcqClP6VZXsvyZS

sockets in python https://www.youtube.com/watch?v=Lbfe3-v7yE0&list=PLQVvvaa0QuDdzLB_0JSTTcl8E8jsJLhR5

intermediate python
https://www.youtube.com/watch?v=YSe9Tu_iNQQ&list=PLQVvvaa0QuDfju7ADVp5W1GF9jVhjbX-_

chatbot
https://www.youtube.com/watch?v=dvOnYLDg8_Y&list=PLQVvvaa0QuDdc2k5dwtDTyT9aCja0on8j

python game –

1 https://www.youtube.com/watch?v=Y7joZ67mC6o&list=PLQVvvaa0QuDcxG_Cajz1JyTH6eAvka93C

https://www.youtube.com/watch?v=ujOTNg17LjI&list=PLQVvvaa0QuDdLkP8MrOXLe_rKuf6r80KO

2
https://www.youtube.com/watch?v=R4n4NyDG2hI&list=PLQVvvaa0QuDdfGpqjkEJSeWKGCP31__wD

Python forex https://www.youtube.com/watch?v=TY-itPqAqHQ&list=PLQVvvaa0QuDdOmhRb_AHkhHv7aBfHalhX

Google cloud https://www.youtube.com/watch?v=chk2rRjSn5o&list=PLQVvvaa0QuDfGVb3yucqvKtUgwOJgZWCm

Self driving cars - https://www.youtube.com/watch?v=J1F32aVSYaU&list=PLQVvvaa0QuDeI12McNQdnTlWz9XlCa0uo

Pyqt – gui - https://www.youtube.com/watch?v=JBME1ZyHiP8&list=PLQVvvaa0QuDdVpDFNq4FwY9APZPGSUyR4

WEBD

html- https://www.youtube.com/watch?v=kJA1xNgRrPY&list=PLQVvvaa0QuDdnrAVkQCXPrdXyja4dHgUn

php- https://www.youtube.com/watch?v=C9Tg1h53Q8s&list=PLQVvvaa0QuDcYpcjrNB43_iKqla5UeQw_

javascript basics https://www.youtube.com/watch?v=GRtSc2Mp0WI&list=PLQVvvaa0QuDf2_A04M-m0WubgLf2_geR6

Django https://www.youtube.com/watch?v=yD0_1DPmfKM&list=PLQVvvaa0QuDe9nqlirjacLkBYdgc2inh3

https://www.youtube.com/watch?v=obJr6zH0C2Q&list=PLQVvvaa0QuDcTDEowl-b5nQlaDaD82r_s

flask

https://www.youtube.com/watch?v=mr90d7fp3SE&list=PLQVvvaa0QuDcOS4l8RCWh0olq_je0OKaP

https://www.youtube.com/watch?v=Lv1fv-HmkQo&list=PLQVvvaa0QuDc_owjTbIY4rbgXOFkUYOUB

kivy app d

https://www.youtube.com/watch?v=FjwD0SOGQ1k&list=PLQVvvaa0QuDfwnDTZWw8H3hN_VRQfq8rF

https://www.youtube.com/watch?v=CYNWK2GpwgA&list=PLQVvvaa0QuDe_l6XiJ40yGTEqIKugAdTy