Prashant Sahu <prashant9501@gmail.com>   Mon 15 Oct, 2018 at 9:17 AM
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Hello Folks,
It was a great time interacting with budding DataScience enthusiasts yesterday during my 4.5 hour long jam-packed session on "
MachineLearning from Scratch & LinearRegression" at my Pune
ArtificialIntelligence Meetup at BhauInstitute of Innovation, COEP. I hope you all had a great time.

I am humbled by the response I got. I appeal **every one** of you for an honest feedback & suggestions for the future sessions at the following link below if you are on LinkedIn. (else use the Meetup page)
https://www.linkedin.com/feed/update/urn:li:activity:6457441552615739392

Now here are the links I promised:
1. For Machine Learning Basics: https://www.analyticsvidhya.com/blog/2015/06/machine-learning-basics/

2. Basics of Machine Learning Algorithms (ignore the codes, for first-timers): https://www.analyticsvidhya.com/blog/2017/09/common-machine-learning-algorithms/

3. The Bias-Variance Trade-off: https://www.kdnuggets.com/2016/08/bias-variance-tradeoff-overview.html

4. Linear Regression & Regularisation: https://www.analyticsvidhya.com/blog/2017/06/a-comprehensive-guide-for-linear-ridge-and-lasso-regression/

5. Topic: Gradient Descent:
https://machinelearningmastery.com/gradient-descent-for-machine-learning/
https://hackernoon.com/gradient-descent-aynk-7cbe95a778da
http://ml-cheatsheet.readthedocs.io/en/latest/gradient_descent.html
https://www.analyticsvidhya.com/blog/2017/03/introduction-to-gradient-descent-algorithm-along-its-variants/

Useful websites/blog on Data science:
1. AnalyticsVidhya (yes you figured out from the above links :-)
2. DataScienceCentral
3. TowardsDataScience
4. KDNuggets
5. Medium.com (ONLY for pros, but the MOST authentic and insightful articles you get here)

I have attached some PDFs for you to brush up the mathematical fundamentals, as many of you requested. And finally the presentation too.

If you have any custom need for training/consultancy for your company (or college), feel free to contact me.

Regards,
Prashant Sahu
9881719501.

5 attachments

 MatrixCalculus.pdf
110 KB

 Decision Trees - Tom Mitchell.pdf
2.7 MB

 Probability and Ststistics - Lecture Notes.pdf
1.1 MB

 Calculus.pdf
2.4 MB

 Predictive Analytics pre.pptx
2.6 MB