



INSaID

# Top Data Science Blogs You Should Follow



# INTRODUCTION

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Data Science is a field which evolved from hybridization of a various concepts like AI, data analysis, and business intelligence. While the demand for data scientists is growing at an impressive rate, the corresponding growth rate of the online community is difficult to catch up.

It can be hard to find useful, unbiased online resources which will keep you up to date with latest trends, tools, techniques, algorithms, projects, and innovations in the field of data science.

So today, we sat down to curate a list, of blogs that we think, are doing a good job and you will benefit from them. While this list is not in a particular sequence, we recommend you take your pick depending on your end goals.



Manvender Singh  
Chief Data Science Mentor  
INSAID

# Edwin Chen's Blog

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Edwin Chen is a hybrid CEO by day and an avid data science blogger by night (or vice-versa, he's doing a great job at time management). He provides support for personalization support for business giants like Airbnb, Dropbox, Expedia, and Pandora.

On his blog, Edwin discusses the practical problems that a data scientist has to deal with on a day to day basis.

He takes up a use case, for example, Google book suggestions, and discusses all there is from how it works, what are the core issues it faces, how its performance can be improved, and what are other similar products or services and how they fare with regard to the one in question.

*Why should you follow this blog?*

Edwin discusses all the right things which are highly relevant to a professional data scientist. From understanding causal inference, propensity modeling, and discovering drivers of growth, to insights on specific products and services; complete with infographics, charts, graphs, and figures - Edwin has got it all for you!

This blog helps you stay up to date with existing practices, enables you to improve your understanding of data science, and provides you with the much-needed support during times of technical crisis.

# Analytics Vidhya

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A beginner's paradise, Analytics Vidhya offers comprehensive explanations of various data science concepts from scratch. From building your first neural network to replicating human memory structure using neural networks to create precise NLU algorithms, you will find a good collection of helpful articles here.

Further, Analytics Vidhya also houses lists of the open datasets that data scientists must work with, the best data science and machine learning repositories online, and so on, along with reports on the current events in the world of machine learning and data sciences.

## ***Why should you follow this blog?***

From learning how to use Tableau to describing channel attribution modeling in marketing, to even Web scraping in Python using Scrappy, Analytics Vidhya houses a vast collection of valuable literature on data science and associated disciplines.

Also, Analytics Vidhya has a strong community of data science professionals (at Discuss, and Forums) which is always there to help you, should you be missing a piece or two to complete your solution.



# Analytics Vidhya

Learn everything about analytics

# DZone

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DZone is a wholesome repository of highly informative and helpful tutorials, articles, news, and updates on a variety of topics like AI, IoT, Microservices, DevOps, Web Dev, Database, Integration, security, Agile, Cloud, and Data Sciences.

The website is organized in 'zones' which each covers a specific field of computers. For example, in the Big Data zone, you will find guides on topics like how to enhance your infrastructure management with a successful data center migration, a beginner's guide to stream processing, new improvements in comparing and organizing data, and so on.

## ***Why should you follow it?***

DZone's approach to explaining a topic, putting forth the intricacies without confusing the reader, is the biggest USP of this platform. Further, it also has tool tutorials, tech guides, use-case solutions, latest trends, and improvements cover their target subject with the due diligence, making it a definite must-follow.

It also has a thriving and active community of developer which often proves quite helpful in times of need. You can post the issue you are facing on their forum, and in no time, you will have a plethora of solutions at your disposal, each complete with the instruction guide.



# DZone

# DBMS2

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This blog, run by Curt Monash, is more than what its name suggests. It aims at helping people be more handy and comfortable with the data and data analysis technologies of today, and as time progresses, of tomorrow.

From explaining the very concept of business intelligence, data analysis, data mart outsourcing, OLAP, etc., DBMS2 also deals with concepts like how machine learning can help in BI, how is data an asset, how is politics affecting the BI of today, how is privacy is concern and for whom, and so on.

## ***Why should you follow this blog?***

Those who want to stay updated with what is happening in data science and how are the dynamics changing have their perfect source in DBMS2. However, it might not be the best place to look for a performance improving algorithms.

# The Open - Source Data Science Masters

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This is an open source course for those looking forward to becoming data scientists. While its prime motive is to provide a credible and free study source for aspirants, this resource also serves as a reference guide for handling various issues faced at the time of data processing crunching, setting up the neural network powered system which will process the data, etc.

## ***Why should you follow this blog?***

Not exactly a blog, but this coursework is comprehensive. It deals with most of the important concepts in the field of data science. If you are looking for a place to begin your journey of being a data scientist, this is where you start.

## The Open Source Data Science Masters

Curriculum for Data Science

[View on GitHub](#)

[Download .zip](#)

[Download .tar.gz](#)

# KDNuggets

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KDNuggets offers news, updates, trends and trend analysis, tutorials, webinars, study guides, and articles on various aspects of data science including but not limited to machine learning, data processing and analysis using R/Python, BI, AI, new tools and techniques in the respective fields, etc.

Further, KDNuggets has an extensive collection of data sets which you can use to test and train your algorithms & your AI<sup>-BI system</sup>. KDNuggets provides you with webcasts and webinars from various sources like Open Data Group, H2O, McKinsey, and MIT, etc.

## ***Why should you follow this blog?***

Along with the latest updates, this blog addresses topics like how to get the best out of AI, how to build machine learning capabilities across your enterprise, how to onboard your machine learning program, uses of AI in healthcare, and so on. Not only will this blog keep you in tune with the upgrades, but it'll also contribute a great deal towards improving your technical skills.





# KPI Library

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To use this blog, you'll have to register first. The registration is free, and once you have registered, you'll be able to access the extensive collection of libraries at KPI Libraries. These include thousands of suggestions and examples, including code samples for improving key performance indicators across industries, frameworks, and business processes.

You can ask for help from the panel experts at KPI about how to improve your target performance indicator. There is a good number of articles as well on a variety of topics like three common mistakes to avoid with your XmR charts, how to improved what matters the most with the 80/20 rule, and so on.

## ***Why should you follow this blog?***

This blog is perfect for those who want to understand the key performance drivers of their industry and want to adapt their BI process accordingly. Not only does it provide you with an in-depth knowledge of key performance measures, it also helps you understand how should you use it for your business needs.



# R Bloggers

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A dedicated R-blog to help developers work with R in data science and implement solutions. Whether you want to know about the latest cdata update, how to convert epub into text for processing by R, or the regular expression every R programmer should know, you'll find it all here.

News, updates, tutorials for using R for data science, R bloggers have it all. However, it focuses majorly on R and doesn't talk much about other tools involved.

## ***Why should you follow this blog?***

If you work with R more often than Python, this blog could become your go-to page for any clarification, very soon. All articles and tutorials come complete with code samples and step by step guide to perform a task. Also, with over 750 R experts, the online community is also strong, which means when you submit a doubt to the forums, there would be plenty of solutions for you to choose from.



The blogs and websites listed here, are the top sources for news, updates, tutorials, webinars and webcasts, and best practices in the field of data science. Considering data science is a new field, and a data scientist is a new job, it is imperative that you stay informed about how to do your job to maximize efficiency and produce desired results. For tomorrow, a data scientist will most probably be the most important employee of an organization.

We recommend you follow any two or three of these blogs and check others out every now and then. It will be tedious, yes, but it will be worth it.