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50 Handpicked GitHub Repositories to Master Data Science Skills (Pro-Recommended)

A Handpicked List of Resources to Help You Sharpen Your Data Science Skills and Knowledge



Suraj Jha



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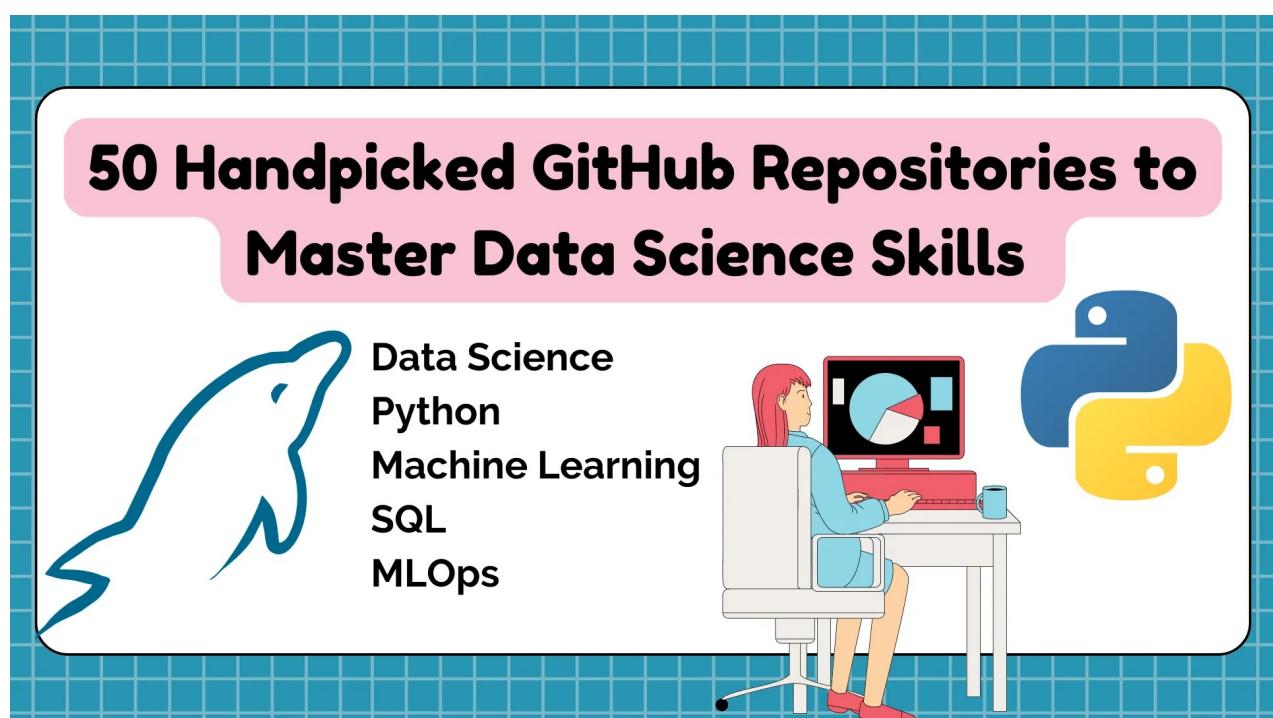


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I used to spend hours watching YouTube videos or taking courses to learn data science.

But I realized that without real experimentation or building projects, it felt like a waste of time. Mastering data science requires hands-on practice and actual project work.

That's when I found a better way to learn.

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I discovered GitHub repositories specifically designed to help you learn actively — everything you need to sharpen your skills is right there.

These repositories offer practical guides, courses, coding examples, and



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projects, along with free curricula from top universities.

It was far more effective than spending hours watching tutorials.

In this story, we will be focusing on 50 GitHub repositories for data science aspirants to learn and master this skill.

10 GitHub Repositories For Data Science

1. [virgili0/Virgilio](#)
2. [jakevdp/PythonDataScienceHandbook](#)
3. [microsoft/Data-Science-For-Beginners](#)
4. [donnemartin/data-science-ipython-notebooks](#)
5. [eugeneyan/applied-ml](#)
6. [osuu/data-science](#)
7. [datasciencemasters/go](#)
8. [academic/awesome-datasience](#)
9. [alexeygrigorev/data-science-interviews](#)
10. [drivendataorg/cookiecutter-data-science](#)

10 GitHub Repositories For Machine Learning



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1. [microsoft/ML-For-Beginners](#)
2. [dair-ai/ML-YouTube-Courses](#)
3. [mml-book/mml-book.github.io](#)
4. [janishar/mit-deep-learning-book-pdf](#)
5. [DataTalksClub/machine-learning-zoomcamp](#)
6. [ujjwalkarn/Machine-Learning-Tutorials](#)
7. [josephmisiti/awesome-machine-learning](#)
8. [afshinea/stanford-cs-229-machine-learning](#)
9. [khangich/machine-learning-interview](#)
10. [EthicalML/awesome-production-machine-learning](#)

10 GitHub Repositories For MLOps

1. [graviraja/MLOps-Basics](#)
2. [microsoft/MLOps](#)
3. [GokuMohandas/Made-With-ML](#)
4. [PythonDeveloper6/Awesome-MLOPS](#)
5. [mlops-guide/mlops-guide.github.io](#)
6. [kelvins/awesome-mlops](#)



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7. [SkafteNicki/dtu_mlops](#)
8. [GokuMohandas/mlops-course](#)
9. [DataTalksClub/mlops-zoomcamp](#)
10. [featurestoreorg/serverless-ml-course](#)

10 GitHub Repositories For Python

1. [Asabeneh/30-Days-Of-Python](#)
2. [trekhleb/learn-python](#)
3. [Avik-Jain/100-Days-Of-ML-Code](#)
4. [realpython/python-guide](#)
5. [zhiwehu/Python-programming-exercises](#)
6. [geekcomputers/Python](#)
7. [practical-tutorials/project-based-learning](#)
8. [avinashkranjan/Amazing-Python-Scripts](#)
9. [TheAlgorithms/Python](#)
10. [vinta/awesome-python](#)

10 GitHub Repositories to Master SQL

1. [SQL 101](#)



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3. [SQL Masterclass](#)
4. [sqlmap](#)
5. [SQL Server Samples](#)
6. [SQL Music Store Analysis](#)
7. [Data Engineering Zoomcamp](#)
8. [SQL Server Kit](#)
9. [Awesome DB Tools](#)
10. [SQL for Wary Data Scientists](#)

Conclusion

There's an ocean of GitHub repositories dedicated to data science, but I've handpicked just a few essential ones. These repositories come highly recommended by data professionals.

By following these resources, you won't just be learning passively — you'll be building real projects and tackling real-world challenges.

So, before time slips away, break the endless cycle of watching tutorials. Learn from these pro-recommended resources and start making meaningful progress.



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Hey guys, I am thrilled to see you at the end. This proves that you are on the way to becoming a talented data scientist. Don't just stop here!

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Your path to mastering data science starts now — take action and watch your skills grow!

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Avoid these costly mistakes to boost your data science success.

[medium.datadriveninvestor.com](https://medium.datadriveninvestor.com/5-frequent-data-science-blunders-and-their-solutions-10f3e3a2a2d)

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Streamline your data workflow with these 8 essential steps using Pandas.

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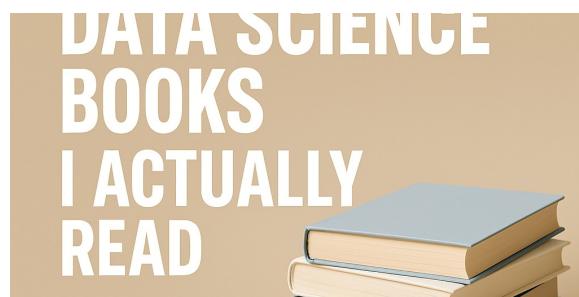
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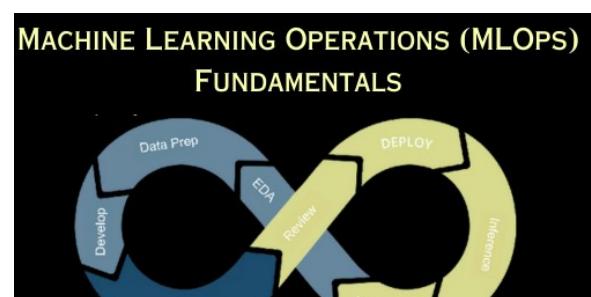
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_={};function F(e){var t=_[e]={};return b.ea
t[1])==!=1&&e.stopOnFalse){r!=1;break}n!=1,u&
o=u.length:r&&(s=t,c(r)){return this},remove
ction(){return u=[],this},disable:function()
re:function(){return p.fireWith(this,argument
ending",r={state:function(){return n},always:
promise)?e.promise().done(n.resolve).fail(n.re
dd(function(){n=s},t[1^e][2].disable,t[2][2].
=0,n=h.call(arguments),r=n.length,i=1!=r||e&
(r,l=Array(r);r>t;i++)n[t]&&b.isFunction(n[t]
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