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How to Create a Data Scientist Portfolio?



Niles Parashar · Follow

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1. Have an Active Github Profile

GitHub allows you to host a remote version of your project where others can view it and even work together to create a better version. Always have an active GitHub profile and include the link in your resume. By active profile, I mean that you have to work on it regularly because your posts are recorded every day and are visible to the public. Also, make sure that you create a readme.MD for your profile (read more about it) to customize your homepage. Here is an example of my profile for an idea:

2. Start Using Kaggle

It is very important to have a Kaggle account. Not only show off your skills but also practice them regularly. Many companies such as ZS Analytics, KPMG, Bain & Co., JPM, etc. have Data Science Competitions, such as those available at Kaggle. In addition, the training competitions available at Kaggle will help you better understand the range of techniques and tips that can be used when working with different types of data. Kaggle is also a great platform where you can show off your skills. You will learn medals and titles (Kaggle 1X / 2X / 3X / 4X Expert, Kaggle Grandmaster) that will have a huge impact if you place them in the name of your LinkedIn profile. You can also add a Kaggle link to your resume.

3. Participate in Competitions and Hackathons

Leagues and hackathons help us improve our skills and determine our position in our peer group. Successes in competitions and hackathons can be set as achievements that add credibility to your work. For example, the Vidhya analytical platform can be used to participate in Hackathon. Here you can also see the best approaches of each league to learn new and improved techniques.

So far, you have participated in about 67 of their hackathons for learning purposes and you have seen key techniques for previous leagues. They also have Job-A-thons and hire hackathons several times a year, so listen to them get involved.

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4. Practice Your Questions with HackerRank

HackerRank is a great platform to improve your Python skills. Contains questions to help you improve your programming skills. At the same time, it also offers asterisks according to the points you achieve for correctly solving questions. Put (HackerRank 5 stars) in your LinkedIn header to show their Python skills as well as data structures/algorithms.

5. Read Blogs

By reading blogs you will be informed about the latest developments in the field. They can also be helpful in discussions during the interview. Blogs can also be used as a tool to learn new skills. Reading personal experience blogs can help you learn more about the industry and what you need to do to find the right role in the future. For this purpose, you can follow Christopher Zita, Analytics India Magazine, Analytics Vidhya Blog / Medium Channel, Into Data Science (In Medium), KDnuggets, and more.

6. Create a Portfolio Website

Create a very simple website with a portfolio. You can encode it in HTML or create it using Wix / Weebly. Once you have your website hosted, make sure you include it in your resume as well. The website has a huge impact on the HR person who views your profile. This will improve your skills and also give them a chance to see your projects and work in the field. A guided [machine learning course](#) will help you enhance your knowledge.

7. Have a Profile on LinkedIn

A LinkedIn profile is very important for everyone. This will help you connect with people from all over the world who can work in the field you want. LinkedIn can also help you share your work with the community. Many recruiters now use the LinkedIn referral system to contact candidates for all vacancies in their companies. Also, watch hashtags in the DS and ML-like areas # 66daysofdata, and #MavenAnalytics (For Data Visualization).

8. Do Small Projects

Start projects on well-known datasets such as Boston Pricing, Iris, XOR, MNIST, and others. Then continue to create large projects such as recommendation engines, in-depth analysis of some data, etc. Datasets can be found in Kaggle. Human resource analysis, image analysis, customer segmentation, Netflix data analysis, and Uber data quality analysis are some examples of starting projects. Feel free to create your dataset and then perform an analysis.

9. Enter the Code

If you have already created a project, try deploying it on Heroku or AWS, or another cloud platform. This will help you create a complete data science application to use for better data management. For example, if you're creating a movie referral tool, use Heroku or AWS, create a website where people can come, choose the movies they want, and your algorithm predicts which movies they can watch based on their interests. This code deployment is very impressive for HR and will help you get an interview score.

10. Focus on Building a Community

The above methods will help you to create a better profile, but in addition, it is also important to be aware of the opportunities. Join the community and make lots of connections. LinkedIn, Discord, Slack, and Telegram are some of the platforms where you can join groups of data scientists who regularly publish reports on opportunities you can take advantage of.

A data science and machine learning course will give you better insights into this topic.

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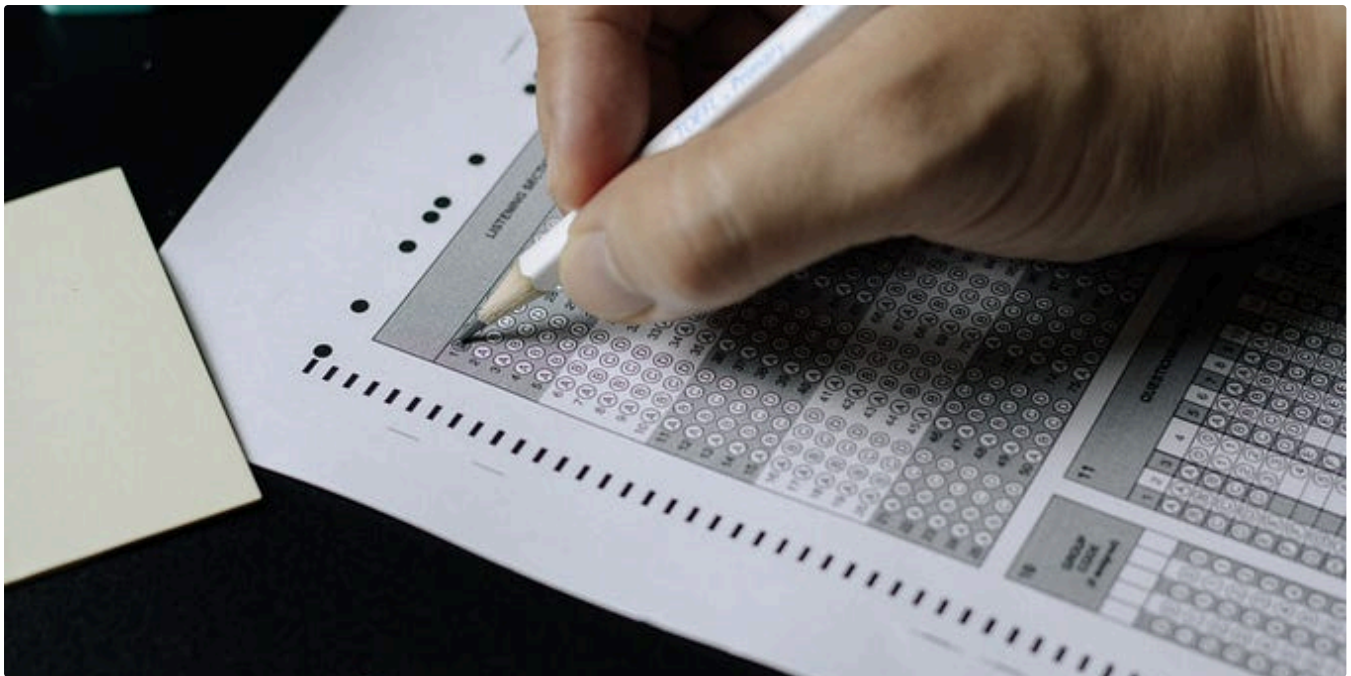
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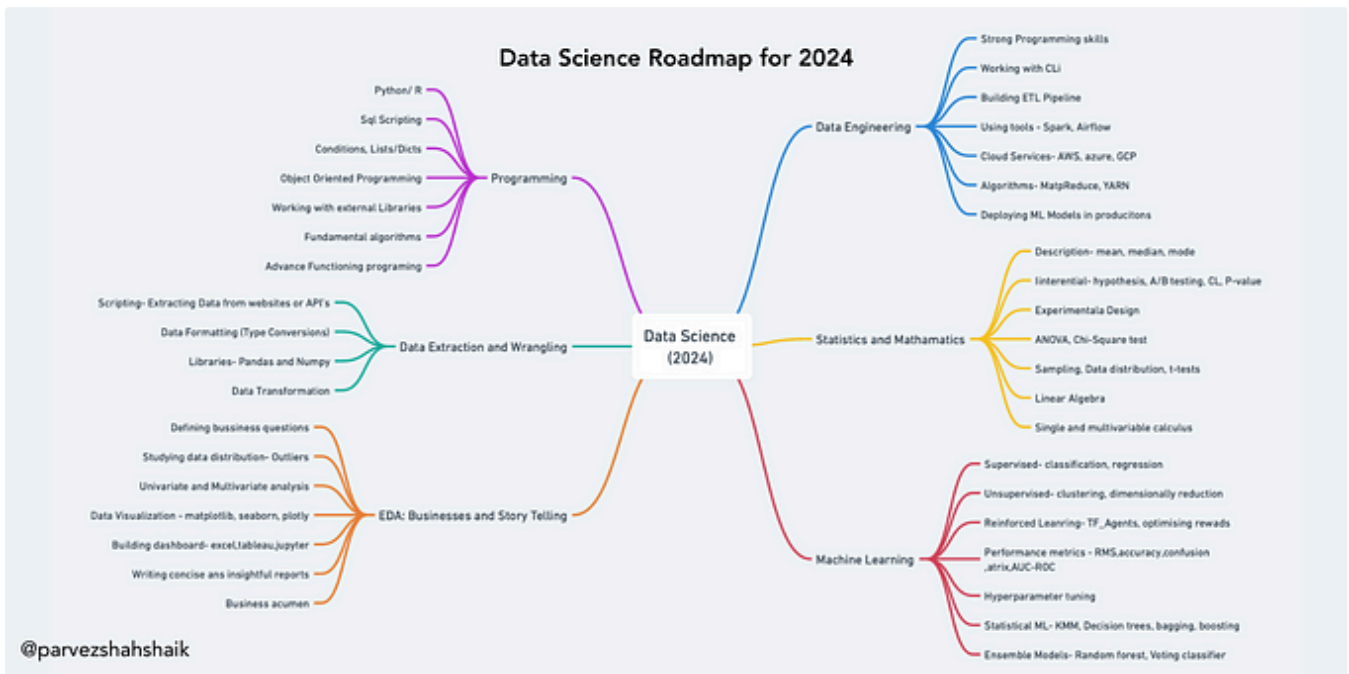



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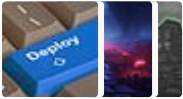
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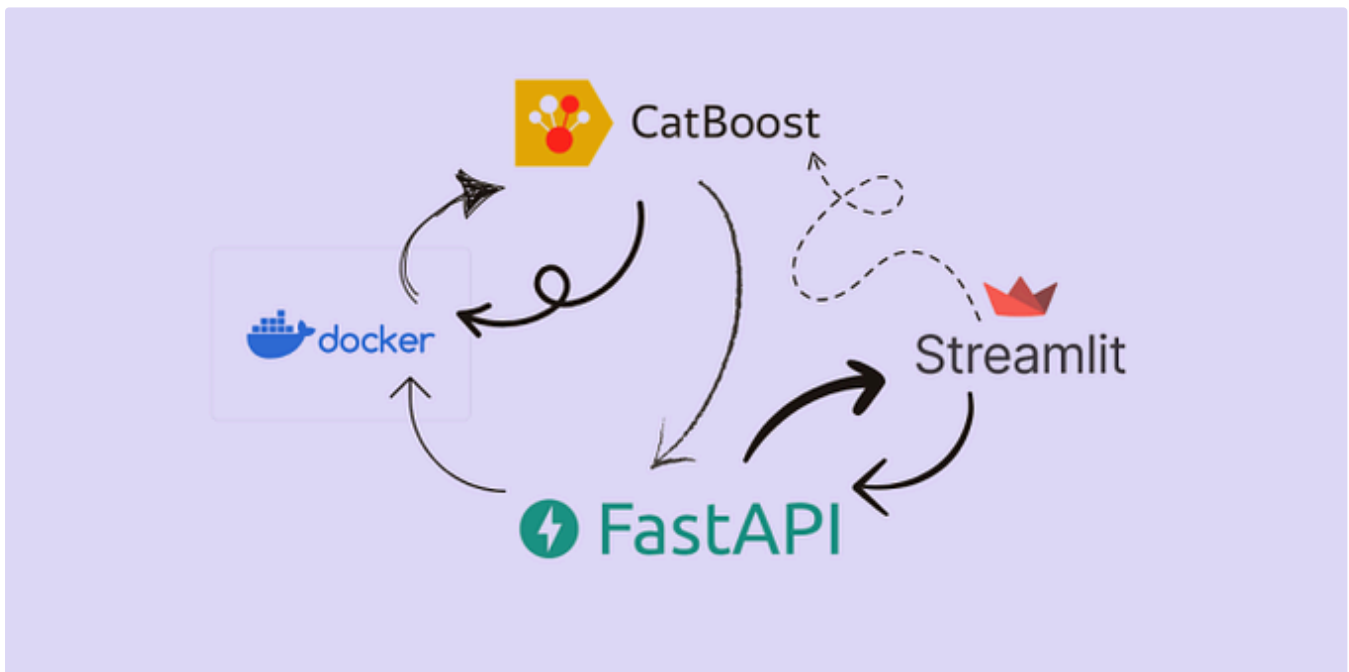
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
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```
*_, a, b, *_ = [1, 2, 3, 4, 5, 6]  
print(__, _)
```

What does this print?

- A) Syntax error
- B) [1] [4, 5, 6]
- C) [1, 2] [5, 6]
- D) [1, 2, 3] [6]
- E) <generator object <genexpr> at 0x1003847c0>

 Liu Zuo Lin

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