



TesseractAcademy

HDS Questionnaire for Hiring Data Scientists



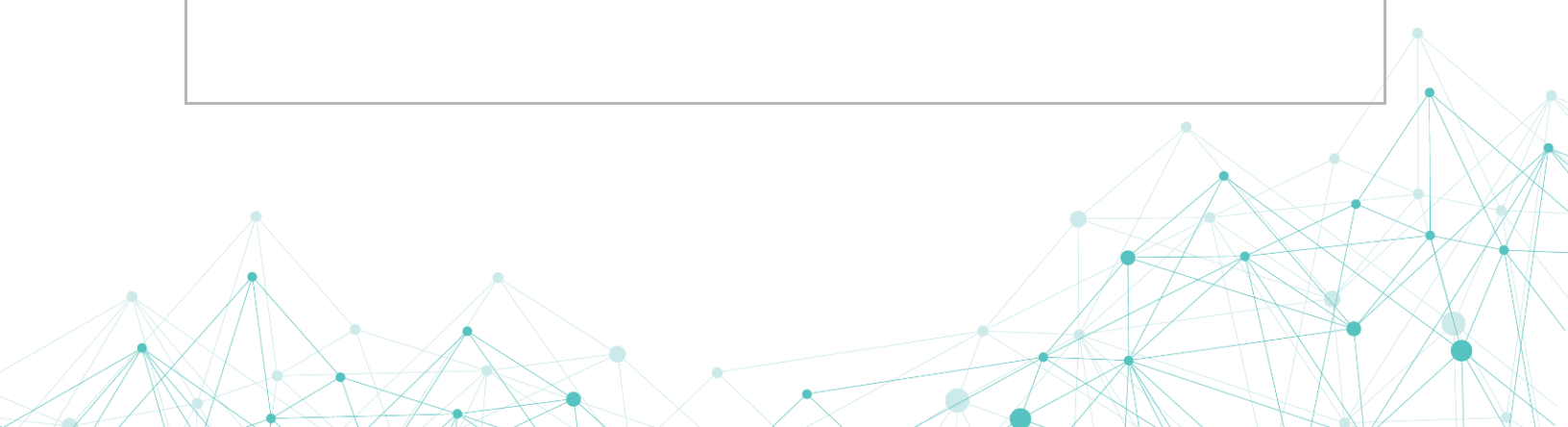
This questionnaire helps you figure out what kind of skills you need as a data scientist. There are many different types of data scientists, with very different skills. Depending on your organization and the challenges you face, some types of data scientists might be more suitable for you than others. Also, the salaries and the ease of hiring someone can vary widely depending on their profile. This questionnaire helps you clarify what kind of data scientists you need.

If you want to learn more about the different types of data scientists and hiring, make sure to check our events <http://tesseract.academy>, and also this article <https://thedata scientist.com/tribes-data-scientist/>

What is the total size of your data, or the data you expect to collect in the future?

- Less than 1 gigabyte
- 1-20 Gigabytes
- 10+ Gigabytes

Usually, the bigger the datasets the better to have someone who has basic computer science like handling databases.





Do you care about understanding the relationship between your variables?

E.g if you are a retailer, maybe you care about understanding how gender or age drive the sales of particular products

- Yes
- No

If that's important, then a statistician might be a better bet than a traditional machine learning engineer, as statisticians spent their whole career analysing these types of relationships.

Do you have audio, image, or video data that you want to analyze?

- Yes
- No

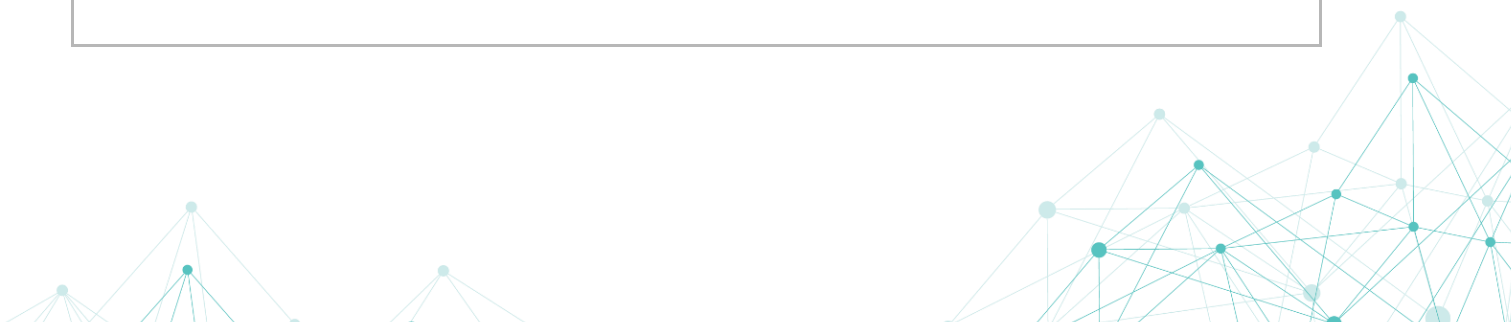
If the answer is yes, then you are probably looking to hire someone who has expertise in deep learning.

Do you want to run predictions?

E.g do you care about predicting future values, or what an outcome would be? Examples are: predicting whether someone will default on a loan, predicting the outcome of a sports game, or forecasting the demand for a product

- Yes
- No

If the answer is yes, then a more traditional machine learning person can be a better choice, compared to a statistician.





Do you want to develop a recommendation engine?

E.g this is a system like the one that Amazon is using that tries to predict new products for you.

- Yes
- No

If the answer is yes, then you probably need a traditional machine learning person.

Do you have a data science team?

- Yes
- No

If you don't have a data science team, then sometimes it's good to start with junior data scientists that are self-taught. This can be a cost effective way for you to also learn how to work with data scientists.

