

Bridging The Gap: From Science To Data Science

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DATA SCIENTIST AND COMMUNITY MANAGER

#DS_TALK

This is about you



Have you met Deepak?



Undergraduate – University of Sheffield
(Mathematics and Astronomy)

PhD – Keele University (Astrophysics- Exoplanets
atmospheres)

S2DS March 2016

Insight Analyst – Inspired Entertainment Inc.

Now – Data Scientist and Community Manager at
Pivigo

The Age of Data

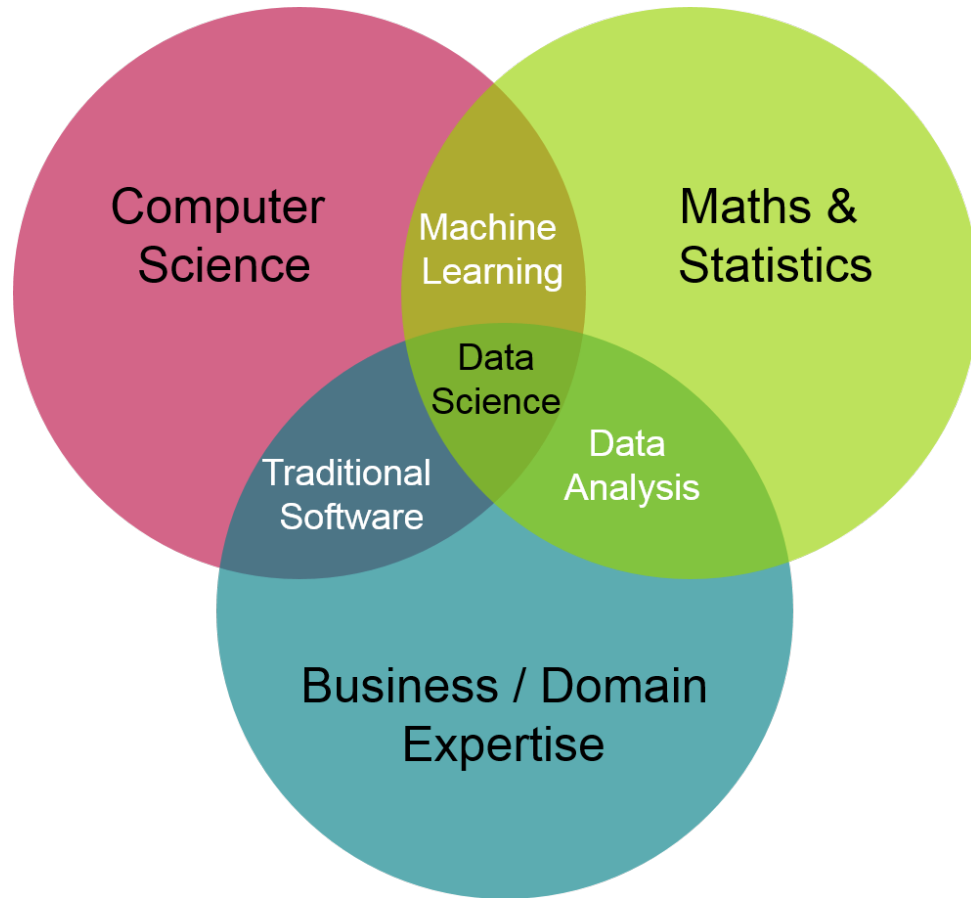


Why should you be interested?

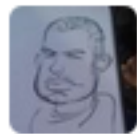
- Easy career transition
- Huge demand for people over the coming decade
- Salaries are high
- Exciting, vibrant atmosphere
- Understand how your own data is being used
- Tools and techniques can be useful in your science work etc. etc.



What is Data Science?



What is a data scientist?



(((Josh Wills)))
@josh_wills



 Follow

Data Scientist (n.): Person who is better at statistics than any software engineer and better at software engineering than any statistician.

RETWEETS
1,501

LIKES
1,074



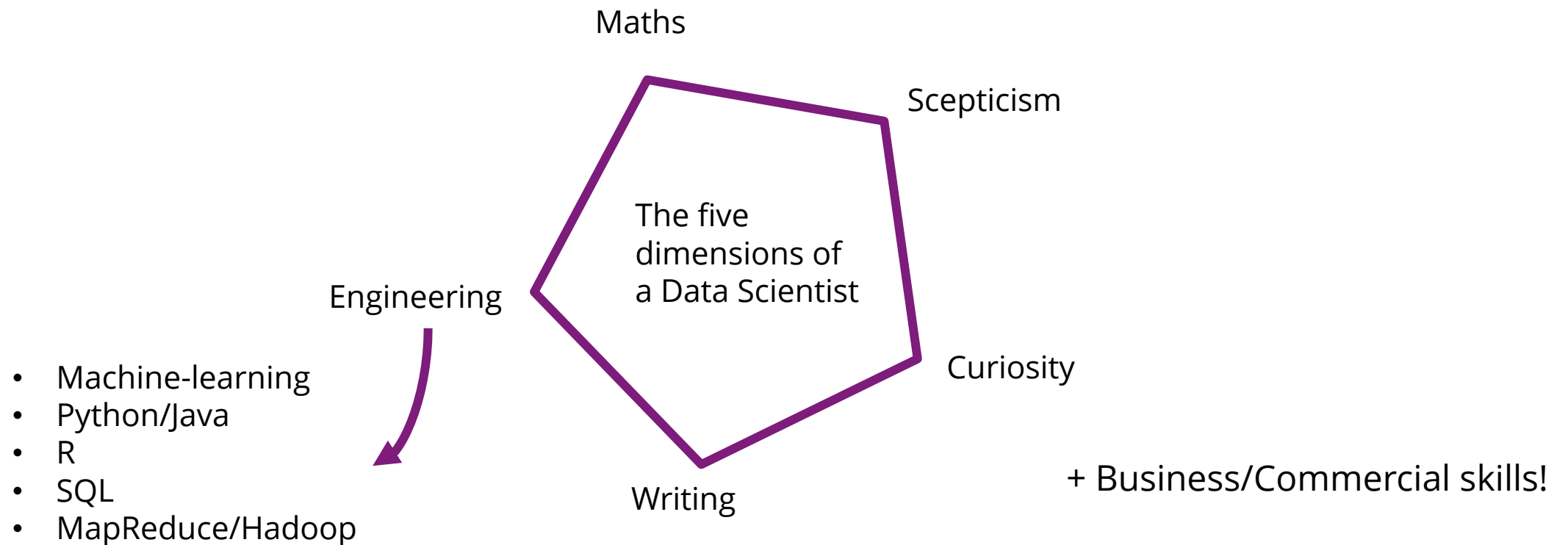
Why I chose data science



How to Become a Data Scientist?

90%

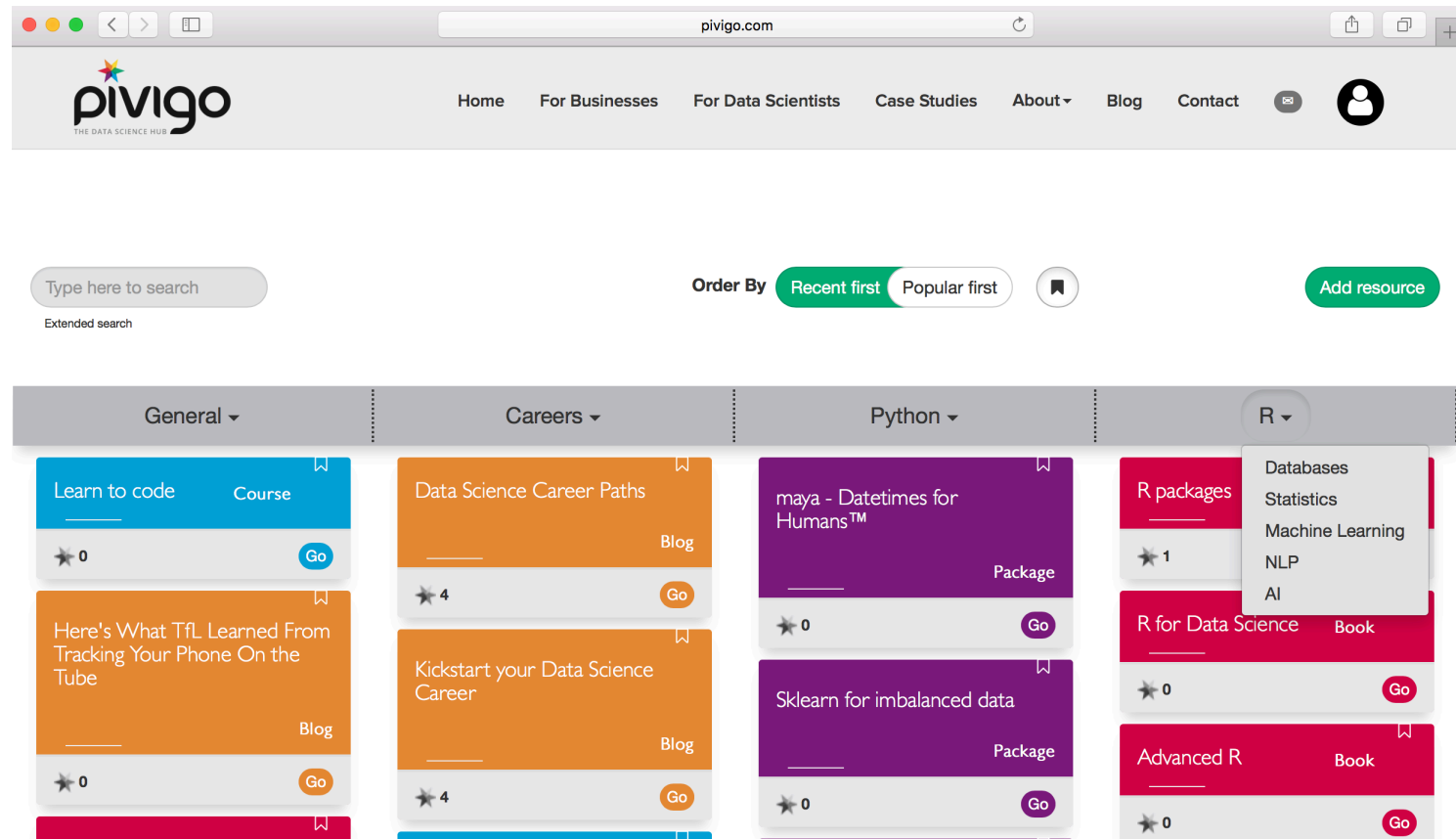
What skills are needed?



Who are we?



Up-Skill



Science to Data Science

S²DS

Science to Data Science

- 5 week programme
- Work in teams of 3 – 4 on real data science projects
- Partner with a company on a real project
- Get recruited into a data science role!

Science to Data Science (S2DS)



M&S
EST. 1884



Data Intelligence Labs

Royal Mail

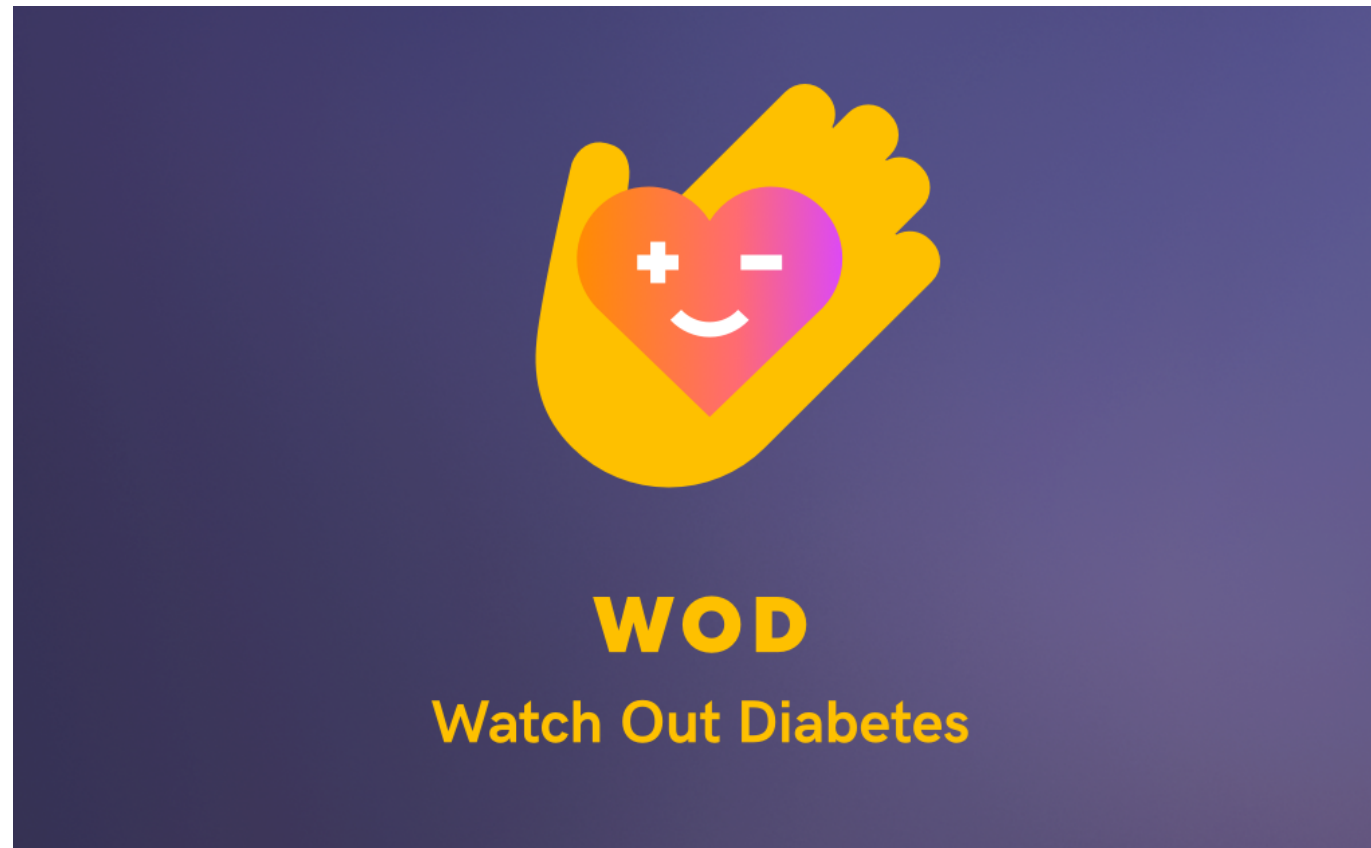


British Gas



BARCLAYS



Example: Watchout Diabetes




Example: Row Analytics



The Marketplace: Data Science on Demand

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Projects

 **Smart Pages for social giving**
Just Giving

Social giving is about raising awareness and donating to good causes. Data Science can help understand the height of willingness to give. The next step in using data in social giving is understanding a) which images should be recommended that will influence a network of potential donors to give, b) which content (the storytelling, the what, the where, the why, the use of language) should be recommended that will influence a network of potential donors, c) when to update the network with key information. This project will help good causes increase awareness, spread the good message and raise more donations; a challenging project, an innovative project, a unique project, the one project that matters for all good causes.

Posted: 2017-01-19


Starts: 2017-02-20

Duration: 5 weeks

Rate: up to 250 GBP per day
(depending on experience)


Location: **London**

Required skills: **Machine Learning** **Python** **SQL**

 5

charity

Apply

 **Data Feed Analysis**
Capco

Banks typically contain large numbers of data sources, often with overlaps in where data is mastered and modified. Typically this results in data quality problems which lead to numerous issues from incorrect regulatory reporting, invalid risk assessments, through to the inability to provide or enhance products and services. To date, banks have dealt with these issues using traditional data modelling tools/approaches coupled with periodic data cleanup exercises. Our PoC centres on automated analysis of the vast number of data feeds to understand how data flows through the organisation, how/where it is modified, where the error hotspots are, where duplication exists etc. thus enabling banks to identify where they should focus their efforts to resolve issues.

Posted: 2017-01-19


Starts: 2017-02-20

Duration: 8 weeks

Rate: up to 300 GBP per day
(depending on experience)

Location: **London**

Required skills: **Neo4j** **Data Modelling** **SQL**

 2

Financial Services **Data Analysis** **Data Quality** **Banking**

Apply

We don't bite, lets keep in touch!

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- Feel free to ask questions anytime



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Thank you for
your time!



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