##### [logo](http://affectv.co.uk/) Data Scientist

We have mapped millions of nodes and billions of connections. We are looking for YOU to take our technology and platform to the next level. You will be part of a world-class team of engineers and researchers working on the latest advances in distributed computing, graph theory and natural language processing. Working in a challenging environment, you will have access to the latest tools and resources and will be encouraged to use creativity and imagination to extract even more value from the vast amount of data we generate every day.

Think you've got what it takes to join the [Affectv](http://affectv.co.uk/) development team?

**Data Scientist**

* You will be responsible for writing scalable algorithms to analyse and extract meaningful properties from data. You will have a programming background that enables you to go through our logfiles to test hypothesis and extract insights. You will be familiar with a set of data modelling or graphing tools to model the results of your experiments. You will lead and mentor a small team of data scientists.

*Skills & Experience:*

* Most of what we do requires a strong grasp of CS fundamentals. If you understand the big-O notation, are familiar with standard data structures and algorithms, then we are interested in you.
* Familiarity with basic Graph theory is essential. Practical knowledge and implementation are a bonus.
* A PhD or MSc in Machine Learning, Graph Theory, Artificial Intelligence, Natural Language Processing or a relevant discipline preferred.
* Experience with storing or processing large datasets is a plus.
* Some of the technologies we use are - AWS, Map/Reduce, Pig, NoSQL(MongoDB, Redis), Twisted and \*nix.
* An understanding of ad servers and/or ad exchanges would be of benefit.