



# OYO<sup>1</sup>: CAREERS IN DATA SCIENCE

From getting started to nailing the data science interviews

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## Getting Started

Kaggle is the most popular platform for predictive modelling and analytics competitions. Explore Kaggle's [The State of Data Science 2017](#) interactive survey to learn about what's happening at the cutting edge of data science and how new data scientists can best break into the field.

Top Insights:

- Data Scientist **average salary** (1-2 years experience) - \$100K
- Highest level of **formal education** - 44% Master's, 32% PhD, 20% Bachelors
- 5 most-used **data science methods** in industry - Logistic Regression, Decision Trees, Random Forests, Neural Networks and Bayesian Techniques

[Kaggle's 15 Favorite Data Science Resources](#) - Collection of tutorials, newsletters, podcasts, and experts.

## Recommended Interview Preparation Resources

- Best Practices for ML Engineering by a Googler - [Rules of Machine Learning](#) [30 mins]
- Andrew Ng's Machine Learning course - [Chapter 6 Notes: Applied ML](#) [20 mins]
- EliteDataScience - [Modern Machine Learning Algorithms: Strengths & Weaknesses](#) [15 mins]
- Kaggle Grandmaster - [Approaching \(Almost\) Any Machine Learning Problem](#) [20 mins]
- Short guide by Marius, founder of Sigmoidal - [Machine Learning development process](#) [5 mins]

## Data Science @ UMass



Career insights of 161,930 alumni

[Explore UMass Alumni network on LinkedIn](#)

Center for  
**Data  
Science**

College of  
Information and  
Computer Sciences

[Autonomous Learning Laboratory](#)

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[Laboratory for Perceptual Robotics](#)

[Machine Learning for Data Science](#)

[Theoretical Computer Science Group](#)

[Biologically Inspired Neural & Dynamical Systems Lab](#)

Learn how to [connect to alumni](#) working in data science via LinkedIn!

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<sup>1</sup> On-your-own "OYO" resources help you begin to find answers to your questions now.

For more information or other career-related questions, contact our **CICS Careers** team.

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