OYO¹: CAREERS IN DATA SCIENCE
From getting started to nailing the data science interviews

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
- 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

Autonomous Learning Laboratory
Information Extraction and Synthesis Laboratory
Knowledge Discovery Laboratory
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!

¹ 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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