**Machine Learning Opportunities for Students at Amazon India Amazon YouTube Video**

<https://www.youtube.com/watch?v=0QedVNGvZlQ&t=2s>

**[00:00:03.00] Speaker 1, Rajeev**

I'm Rajeev Rastogi. I head the International Machine Learning team at Amazon. When we look at our customers, their entire shopping journey is powered by machine learning forecasting demand for products ranking search results, predicting ad click probabilities. There is a huge demand for machine learning talent today across industries. However, in India we don't have enough training machine learning professionals.

Amazon is committed to helping students have better careers in data science, machine learning, and AI, and so we have education programs and training programs.

**[00:00:43.00] Speaker 1, Rajeev**

The Machine Learning Summer School covers a mix of theoretical and practical industry knowledge right from fundamentals to state-of-the-art technologies and techniques, deep learning, supervised learning, probabilistic graphical models.

**[00:00:57.00] Speaker 1, Rajeev**

The ML Challenge allows students to try out different techniques that they have maybe learned in the classroom on a real-world problem and see which techniques work, so it's a great learning experience, gain some practical hands-on knowledge. This is a field that is rapidly evolving and so our tutorials do cover state-of-the-art techniques.

[Internship Program]

**[00:01:18.00] Speaker 1, Rajeev**

We have an internship program where we have interns who come into Amazon spend a couple of months working on real-world problems.

**[00:01:27.00] Speaker 1, Rajeev**

For the past five years, we've been holding Amazon research days to build an ML community in India and also disseminate knowledge of state-of-the-art techniques and machine learning.

Our aim here is to create thousands of students who are industry-ready who can come out and tackle tough science problems. People do get a lot of theoretical education, but here you're getting practical education on what really works in the real world.

The field is evolving at a very rapid pace, and so we constantly need to teach ourselves. As we like to say it at Amazon, “It's still Day One,” so there's a lot of scope, a lot of opportunities for students in the machine learning AI and data science spaces.

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