

ML Bootcamp

Decision making across Amazon is increasingly becoming data-driven. Automated systems with ML models at their core are replacing manual inputs and hard-coded magic numbers in our software and systems. Amazon cannot scale to its needs if SDEs who build and own these systems do not have the necessary knowledge about tools and techniques on the field of ML. The ML bootcamp is a hands-on training session that fills a critical training gap by imparting basic ML knowledge to SDEs and providing pointers to relevant learning resources. The ML bootcamp is helping us to democratize ML and giving Amazon SDEs the confidence to build ML solutions on their own. The ML bootcamp acts as a catalyst to rapidly build the next generation of intelligent systems within Amazon.

ML Gurukul

As ambassadors of ML in Amazon, IML organizes ML Gurukul series to educate Amazon SDEs, Applied Scientists, Research Scientists and Business Intelligence Engineers about fundamental ML concepts and techniques so that they are able to correctly frame ML problems and use appropriate modeling techniques to solve business problems. The series is made up of multiple 3-hour sessions on individual ML topics. Topics covered include supervised and unsupervised learning, probabilistic graphical models, dimensionality reduction, deep neural networks, sequential models and reinforcement learning. After attending the ML Gurukul Series, participants have a good understanding of the different ML tools available to solve a variety of business problems and the most appropriate tools to use in each situation.