

Machine Learning

Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.

Broadly, there are 3 types of Machine Learning Algorithms:

- Supervised Learning
- Unsupervised Learning
- Reinforcement Learning

Technology Established: The name machine learning was coined in 1959 by Arthur Samuel. Tom M. Mitchell provided a widely quoted, more formal definition of the algorithms studied in the machine learning field: "A computer program is said to learn from experience E with respect to some class of tasks T and performance measure P if its performance at tasks in T, as measured by P, improves with experience E. This definition of the tasks in which machine learning is concerned offers a fundamentally operational definition rather than defining the field in cognitive terms.

Job Market Scope India: These jobs in demand include research and development of algorithms that are used in adaptive systems across Amazon. ML scientists build methods for predicting product suggestions and product demand and explore Big Data to automatically extract patterns. Companies recruit for positions like Machine Learning Engineer, Machine Learning Analyst, NLP Data Scientist, Data Sciences Lead, and Machine Learning Scientist.

Salaries Range: Whether you are looking for Machine Learning Jobs in Bangalore or Machine Learning Jobs in Pune, or Machine Learning jobs in Hyderabad, Machine Learning Jobs Salary in India is reasonably good. Machine Learning jobs for freshers may vary between ₹ 699,807- 891,326. With a sound knowledge of data analysis and algorithms and a few years of experience, you may expect a salary of ₹ 1,759,777 monthly or ₹ 9, 00,000 per annum. From smartphones to chatbots, demand for these jobs is at an all-time high, so it is just the right time to get in on the ground floor of a growing industry.

Mid-level analytics professionals are now progressing towards a higher salary bracket of ₹ 15 to 25L by having proper machine learning requirements. While the number of Analytics professionals commanding salaries less than ₹ 10 Lakhs has gone down; the number of Analytics professionals earning more than ₹ 15L has increased from 17% in 2016 to 21% in 2017 to 22.3% in 2018.

Mumbai leads in terms of highest compensation packages for Machine Learning jobs in India, at almost 13.3L per annum. Machine Learning jobs in Bangalore follow close quarters, with 12.5L and NCR at 11.8L. Data professionals looking for Machine Learning jobs in Pune can expect something around ₹ 10.6L. Salary packages for Machine Learning jobs in Hyderabad are comparatively, at ₹ 10.2L per annum.

Recruitment Locations: All over India cities (Bangalore, Mumbai, Hyderabad, Chennai, Pune and Others)

Recruiting Companies: All the MNC's companies.

Eligibility: Observed recruitment is starting minimum 2 years. Minimum graduation completes with strong mathematics background.

Job Roles: Machine Learning jobs in India and abroad include Machine Learning Engineer, Data Architect, Data Scientist, Data Mining Specialists, Cloud Architects, and Cyber Security Analysts, and many more. Let us take a sneak peek into some of the ML job roles in demand. Machine Learning Jobs for freshers may include the job of a data analyst or data scientist.

Machine Learning Statics:

Machine Learning is one of the hottest career choices today. AI will create 2.3 million Machine Learning jobs by 2020, according to a recent report from Gartner. LinkedIn's 2017 U.S. Emerging Jobs Report shows there are 9.8 times more Machine Learning Engineers working today than five

years ago with 1,829 open positions listed on their site as of early 2018. Both Data Science and Machine Learning are generating more jobs than candidates right now, making these two areas the fastest growing tech employment areas today.