

Certificate in Artificial Intelligence and Machine Learning in Python

[eLearning]



EY

Shape the future with confidence



Certificate in Artificial Intelligence and Machine Learning in Python

About the course

Artificial Intelligence (AI) and Machine Learning (ML) are increasingly becoming popular among today's organizations. The adoption of AI has entered the mainstream, but in most organizations, it remains in the early stages and is used for developing strategies and for governance. Although these technologies are still emerging, they are delivering practical benefits to help resolve real problems.

Keeping the upcoming demand in mind, EY has launched a comprehensive eLearning program on Artificial Intelligence and Machine Learning using Python. The program will help you to learn AI and ML algorithms in a step-by-step format. In this course, you will understand Python's concepts for AI, ML and related concepts like Artificial Neural Network, K Means

Theorem, Natural Language Processing, Deep Learning, Naïve Bayes Theorem, etc.

Currently Python's certification is one of the most sought after programming certifications in the world. There are more than 8.2 million developers who use Python, making it one of the most popular languages for ML and Internet-of-Things (IoT) apps. New-age and tech companies like IBM, Netflix, Google, YouTube, NASA, Amazon, Instagram and Facebook also use Python for their apps.

Course deliverables

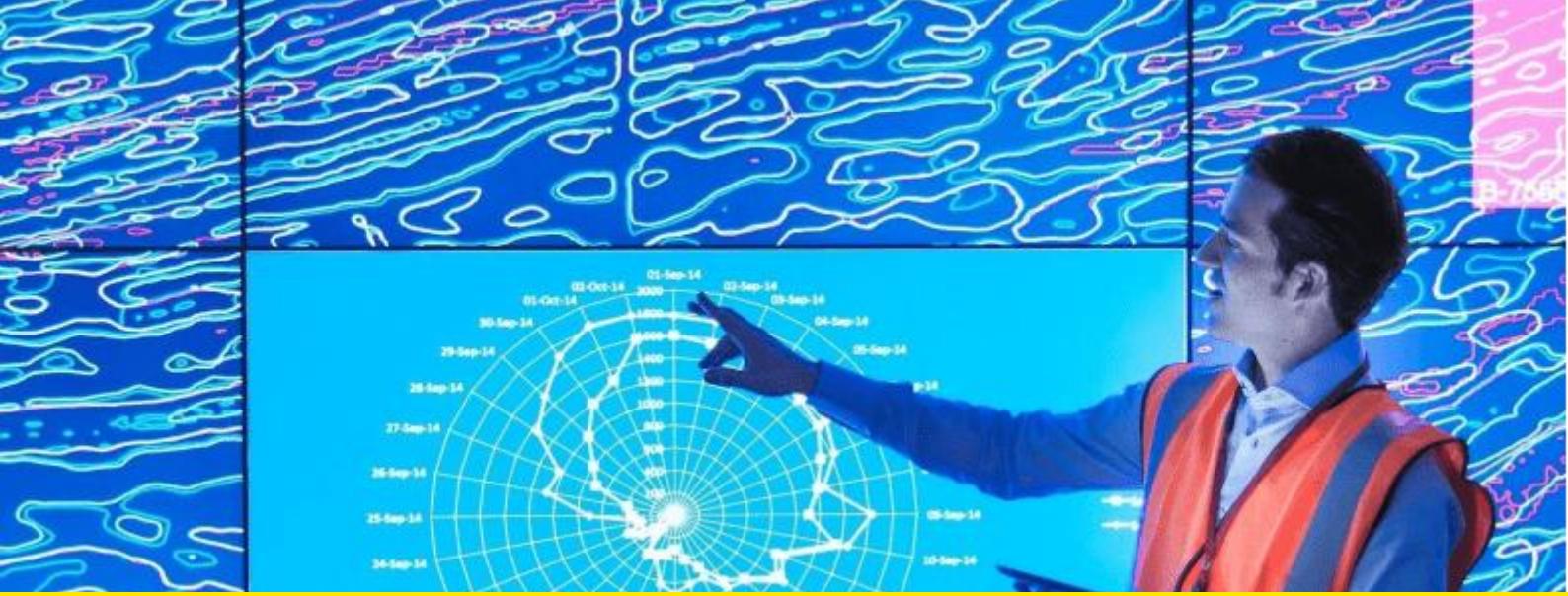
- ▶ 10+ hours of comprehensive learning videos and content
- ▶ Presentations
- ▶ Includes datasets
- ▶ Online assessment
- ▶ Certificate of Completion
- ▶ Query support through email
- ▶ Six months of LMS access

Benefits of the course

- ▶ In-depth learning of AI and ML algorithms through practical examples
- ▶ May build capability to implement tools built on AI platforms
- ▶ The course enables you to learn and acquire the required skills in Python at analytics and program development
- ▶ The course can help you create your own AI and ML solutions
- ▶ Learn from the experienced professionals and industry experts

Who should take this course?

- ▶ Working professionals who intend to build their careers in the field of analytics
- ▶ Working professionals who intend to build their careers in the field of ML and AI
- ▶ Professionals who are currently in the Big Data and data science domains
- ▶ Professionals from quality and testing team
- ▶ IT professionals in scripting and automation industry
- ▶ Entrepreneurs
- ▶ Fresh graduates and young professionals
- ▶ Mid-level managers
- ▶ Professionals working with Management Information System (MIS) and operations



Course coverage

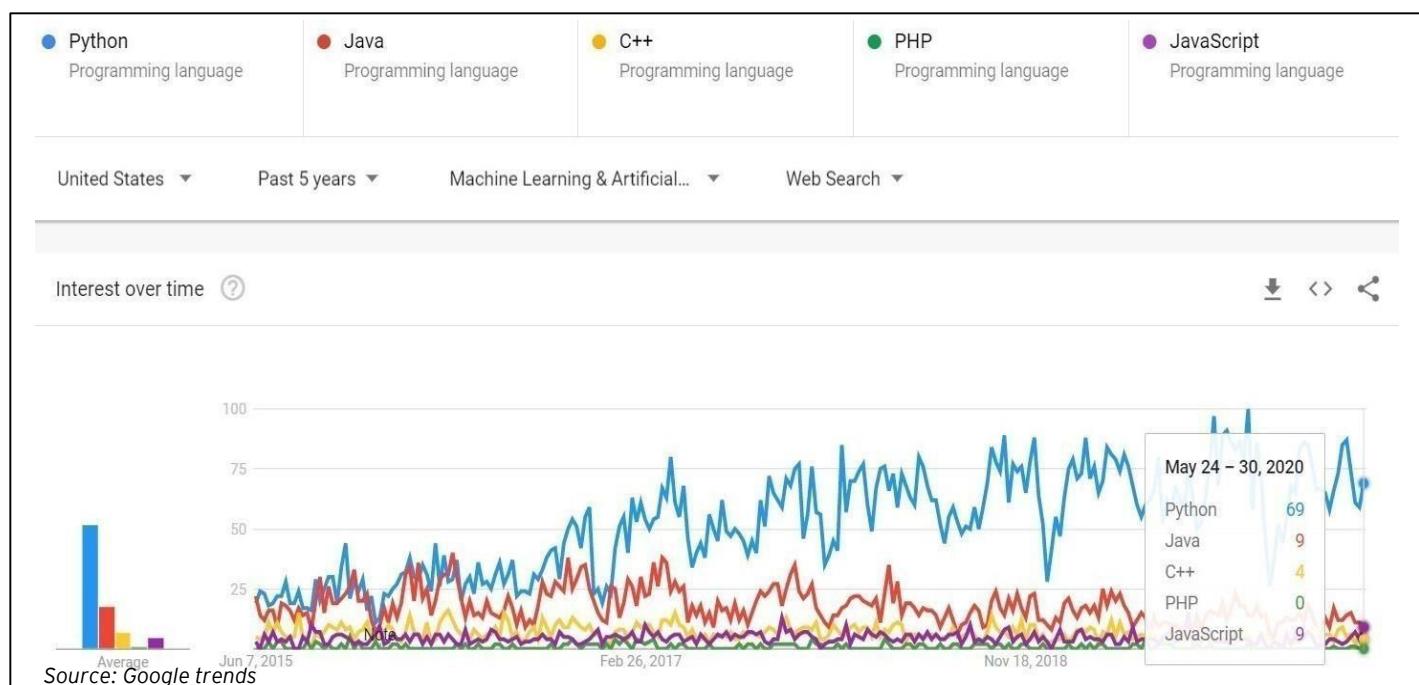
- ▶ Artificial Neural Network
- ▶ Unsupervised Learning-K means Clustering Algorithm in Machine Learning
- ▶ KNN methods
- ▶ Naïve Bayes Theorem
- ▶ Principal Component Analytics
- ▶ Random Forest for weather dataset
- ▶ Deep Learning
- ▶ Neural Networks Natural Language Processing (NLP)
- ▶ Reinforcement Learning

Certification and Assessment

EY will award "Certificate of Completion " upon successful completion of the program:

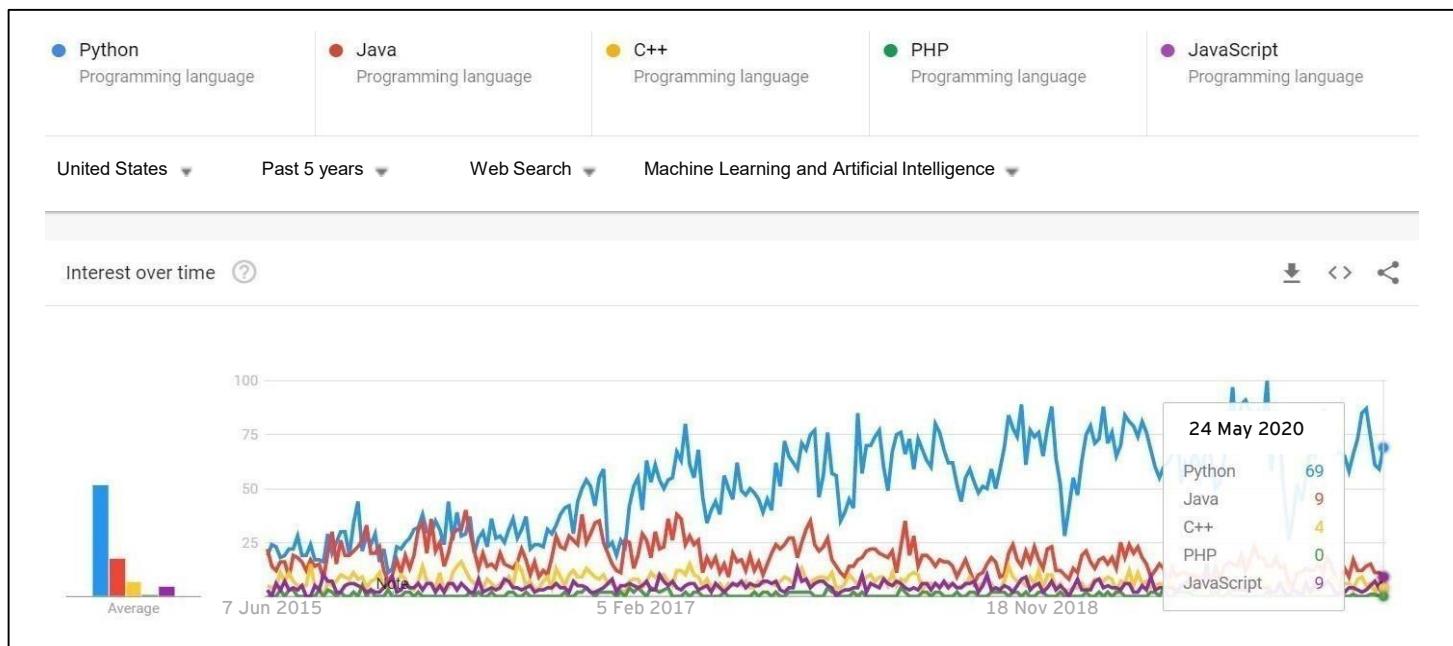
- Assessment would be based on MCQ's
- Participants will get 3 attempts to clear the assessment
- Participant needs to achieve a minimum score of 50% to pass the exam

Python's popularity in last one year





Python's popularity in last five years



Contact

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Our other eLearning courses

- ▶ Certificate in Ind-As
- ▶ Certificate in IFRS
- ▶ Certificate in HR Analytics
- ▶ Certificate in Exploratory Analytics in Python
- ▶ Certificate in Finance for Non-Finance Managers
- ▶ Certificate in Business Intelligence using Power BI
- ▶ Certificate in Data Visualization using Tableau
- ▶ Certificate in Financial Modelling and Valuation
- ▶ Certificate in Lean Six Sigma Green Belt
- ▶ Certificate in Advance Analytics using R
- ▶ Certificate in Supply Chain Analytics
- ▶ Certificate in Predictive Analytics in Python
- ▶ Certificate in US GAAP
- ▶ Certificate in Business Valuation
- ▶ Certificate in Marketing Analytics
- ▶ Certificate in Blockchain Technology
- ▶ Certificate in Excel for Business



About EY Learning Solutions

In today's testing business environment, with organizational transformation and regulatory change constant features, a flexible and cost-effective workforce is critical. High-quality training is a crucial element of innovative talent management, to improve performance and ensure that your teams can respond to today's challenges and are equipped for career success.

We, at EYFAAS, realized this need and accordingly we have set up a dedicated "Learning Solution" practice to help corporate and practicing professionals to deal with new requirements. FAAS Learning Solutions supplements EY's primary range of services and provide business specific training solutions for our clients and business communities throughout India, Europe, the Middle East and Africa. This is done with the help of a multidisciplinary team of trainers from around the world. As a globally integrated firm, we bring global insight to our training programs.

All training programs are regularly updated to reflect changing trends and guidance. Our practical, relevant and stimulating courses are facilitated by highly competent trainers who have first-hand knowledge of the subject matter. We recognize that each client will have a different history, size, location and sector; therefore, programs can be tailored to specific needs of your business.

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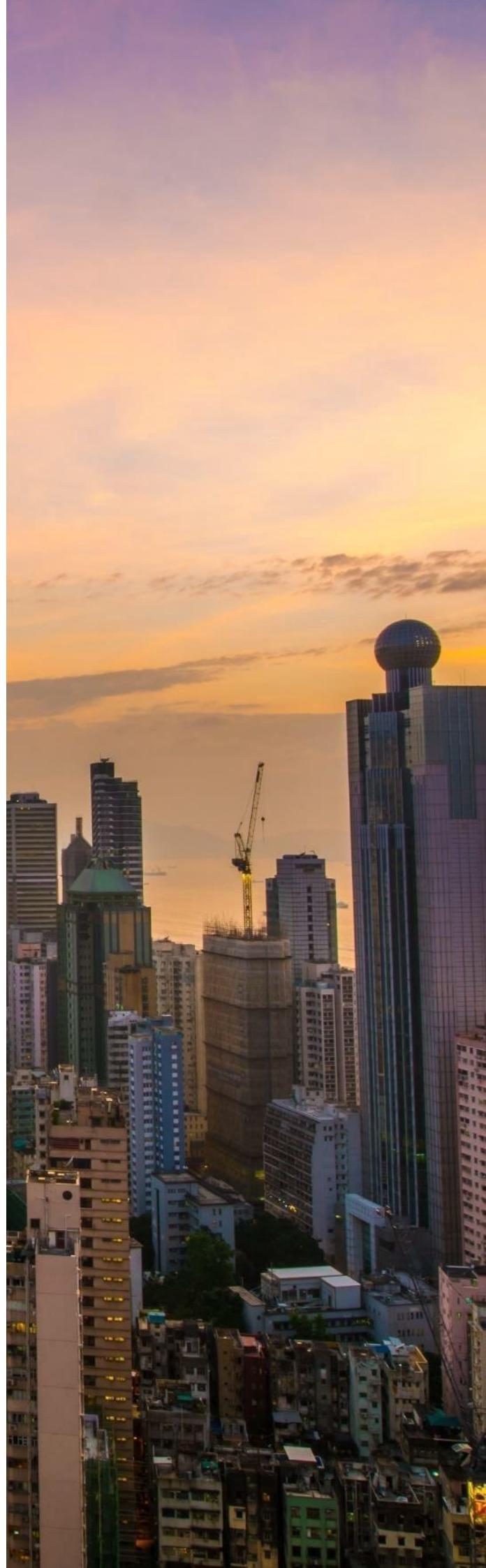
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