Certified

Artificial
Intelligence
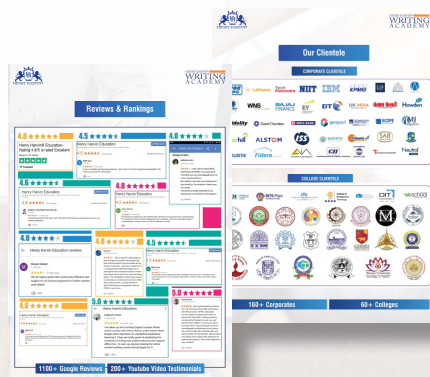
Contents

Key Features

Trending Certification
Become an AI expert: The most demanding experts in today's time

01

Integrated Curriculum
Henry Harvin's AI certification course has a well-designed curriculum that helps you master AI techniques to make you eligible for high profile jobs across the globe

02

100% Practical Training
Gets Hands-on training on CAIP course + Live Projects + Focus on Learning While Doing + Popular GCAO Pedagogy

03

Gain Experience of 12+ Projects
Get the experience of 12 Projects for 1 Year post formal training

04

Job guidance and 1-year support of Analytics Academy
Total job support + Skill enhancement session for interview + E-Learning Access + 12 Monthly Brush Up Sessions

05

Trusted by 160+ Corporates and 60+ Colleges
Trusted by Leading Corporates such as Abbott Pharma, Avon Cosmetics, Hostbooks, NTPC, SAB Miller, Apollo Tyres, Deloitte, Fidelity Investments plus 12+ IIM's alumni including IIM Ahmedabad, IIM Bangalore & IIM Calcutta and 7+ IIT's alumni including IIT Bombay & IIT Delhi.

06

100% Money Back Guarantee
If you are not satisfied with our Research and Writing course post completion of the first session, we will refund you the entire amount!

07

Entrepreneur
presents
EDUCATION
INNOVATION
CONCLAVE & AWARDS

CERTIFICATE

This is to certify that

Henry Harvin Education

has been awarded in the category of

Best Corporate Training Platform

Ritu Marya
Editor-in-Chief, Franchise India & Entrepreneur Media

Presented by

Entrepreneur

About the Course

TRAINER
- Henry Harvin provides expert trainers with in-depth knowledge to become a Certified Artificial Intelligence Practitioner. The trainer not only has topic expertise but also an enormous teaching experience of training over 900+ individuals globally
- Can attend multiple sessions from multiple trainers

DURATION/MODE
32 hours Core Instructor Led + 50 hours E-Learning + 24 hours Brush Up Instructor Led + Unlimited Access

MEMBERSHIP PROGRAM
Get lifetime membership of Henry Harvin Analytics Academy for Certified Artificial Intelligence Course

ALUMNI STATUS
Earn the Prestigious Henry Harvin Alumni status and become one of the reputed 300000+Alumni across the globe

INTERNSHIP
Guaranteed Internship with Henry Harvin® or partner firms.

JOB OPPORTUNITIES
Weekly 10+ job opportunities offered

LIVE PROJECTS
Experience Industry Projects during the training

Course Curriculum

01 Module

Neural Networks

- Introduction to Neural Networks and Deep Learning
- Activation Functions
- Feedforward Neural Network
- Backpropagation and Gradient Descent
- Learning Rate Setting and Tuning
- Introduction to Keras
- Fully Connected Layer-Forward and Backward Pass
- Softmax and Cross-Entropy Loss
- Introduction to babysitting the learning Process12
- Data Preprocessing
- Data Augmentation
- Weight Initialization
- Regularization-Batch Normalization
- Regularization-Dropout
- Working with Google collab

02 Module

Computer Vision

- Working with Images
- Introduction to convolutions2D convolutions for Images
- Convolution-Forward and Backward
- Transposed Convolution and Fully Connected Layer as a Convolution
- Pooling: Max Pooling and other Poolings
- CNN Architectures
- ALexNet, LeNet,ZFNet,VGGNet, GoogleNet, ResNet
- GPU Vs CPU
- Transfer Learning
- Semantic Segmentation using UNet
- Inception and Mobile Net Models
- Object Detection with region proposals, YOLO and SSD
- Bounding Box Regressor
- Siamese Network for Metric Learning

03 Module

Natural Language Processing

- Introduction to NLP
- Preprocessing in NLP-Tokenization, Lemmatization, Stemming, Normalisation, Stop words, BOW, TF-IDF
- N-gram models and channel models
- Word Embedding
- Dense Encoding
- Word-2-Vec Vectors and Glove Vectors
- POS Tagging
- Named Entity recognition
- Sequential models
- Introduction to RNN, LSTM
- LSTM Forward Pass
- LSTM Backprop through time
- Applications of LSTM
- Advanced LSTM Structures
- Encoder-Decoder Attention

Henry Harvin®'s Training Methodology

Live Projects	Live Projects are carried out during the training tenure to develop experiential learning for the participants. This helps in better understanding of the concepts and gain in-depth practical insight
Unique Pedagogy	Uses a mix of techniques aligned to our unique G.C.A.O. pedagogy. This enables participants to derive focused-action-oriented outcome from the training
End-to-End Engagement	Participants will be engaged throughout the training through reverse presentations, group activities, brainstorming sessions and hands-on experience over both statistical and non-statistical tools. Idea is to focus on value creation

Certification Process

1

Registration

Consult with our counsellors to check your eligibility and the right batch. And then Register for our Artificial Intelligence Certification Course

2

Attend The Training Program

Attend classes of our Artificial Intelligence Course to get credits and become eligible for the certification. View session recordings in case you missed any training.

3

Real-World Projects From Industry Experts

Deliver the projects and assignments allocated during the Training as part of the practical assessment system to become eligible for the CAIP Certification

4

Get Certified

Post completion, get CAIP Certification from Henry Harvin Analytics Academy. Post it on social media and apply for internship, placement and freelancing projects.
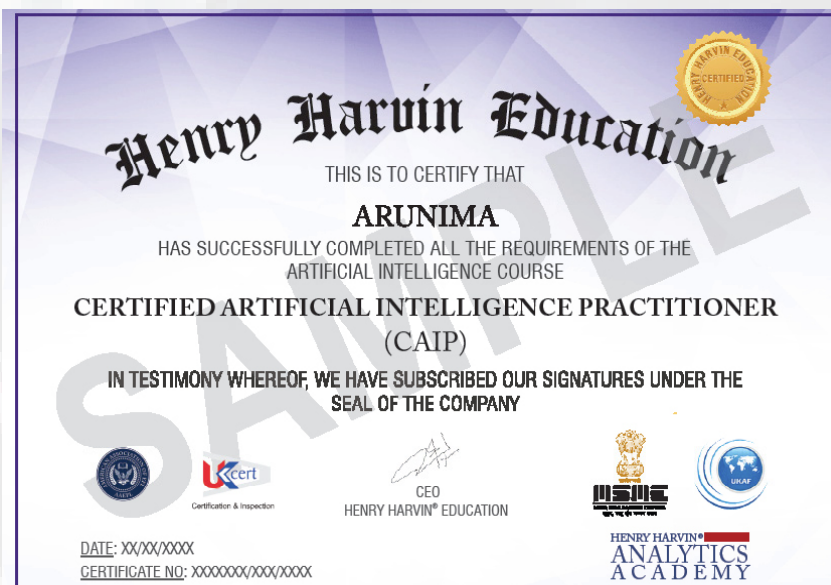
Learning Benefits

Know deeply about the meaning, purpose, scope, applications, and impacts of Artificial Intelligence

1 Comprehend AI & ML theories

2

3 Learn Fundamental concepts of ML(Machine Learning) & DL(Deep Learning)

Learn Fundamental concepts of ML(Machine Learning) & DL(Deep Learning)

4

5 Understand the ML workflow plus how to execute the strategies effectively

Know the role of performance metrics and learn to identify their significant methods

6

7 Understand the variations in supervised, unsupervised, and reinforced learning

Comprehend how clustering and classification algorithms can help in identifying AI business applications

8

ERP

3D

Career Benefits

Become Eligible for jobs demanding AI background

Fill the void of thousands of untapped High-Paying Jobs for Artificial Intelligence experts

Open doors to Job Opportunities Abroad demanding specialization

Improve your CV & Linkedin Profile with technical & professional development

Distinguish your profile from peers and get Promoted in current profile with most in-demand skill

Earn a Rewarding Certification- 'Certified Artificial Intelligence Practitioner

Our Clientele

CORPORATE CLIENTELE

COLLEGE CLIENTELE

160+ Corporates

60+ Colleges

Media Recognition
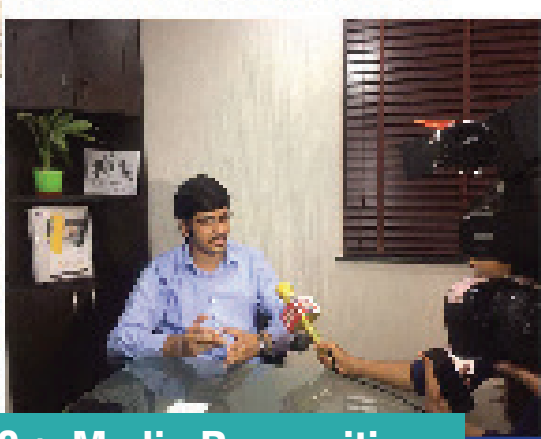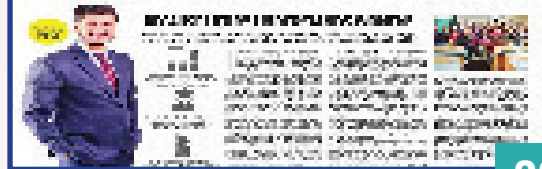
Reviews & Rankings

4.8 ★★★★★

Henry Harvin® Education-Rating 4.8/5 is rated Excellent

Based on 107 reviews

★★★★★

★ Trustpilot

4.5 ★★★★★

Henry Harvin Education
Pinnacle Business Park, B9, 5th Floor, sector 3, Noida, Uttar Pradesh

4.5 ★★★★★   436 reviews

Sort by: Most relevant ▾

R   **Ridhi Arya**
1 review

★★★★★ 2 weeks ago

It was a completely great learning experience. I got to learn a lot of new things that are applicable in life. Thank you so much for venturing me.

👍 Like

4.0 ★★★★☆

← Henry Harvin Educa...

Google reviews

Abhishek Johri
in the last week

★★★★☆ I took Lean Six sigma Black belt Program by KPMG. It was quiet good. The trainer was very knowledgeable. Over all it was a great experience.
But I believe 4 day class room training is bit less should inc. the duration of class as per the content.
I would like to thanks Chandrika for her assistance & co-ordination for the program.

👍 Helpful?

4.6 ★★★★★

Henry Harvin Education
Pinnacle Business Park, B9, 5th Floor, sector 3, Block B, Sector 3, Noida, Uttar Pradesh

4.6 ★★★★★   107 reviews

Sort by: Most helpful ▾

ANSHUL CHACHANE (PGP 2016-18)
1 review

★★★★★ 18 months ago

The training provided by the Henry Harvin Education in IIM Indore was pretty good and was a very enriching experience.

👍 Helpful?

4.8 ★★★★★

Henry Harvin Education
Pinnacle Business Park, B9, 5th Floor, sector 3, Noida, Uttar Pradesh

4.5 ★★★★★   436 reviews

U   **Utsav Thukral**
2 reviews

★★★★★ 4 weeks ago

The introduction of QB7 was a step that left people with talks for a long period of time. Understanding it for business and further for future management works is necessary. Henry Harvin education helped in understanding the concepts clearly and with full explanation modules

👍 1

4.0 ★★★★☆

← Henry Harvin Education reviews

M   **Mayuri Kadam**
1 review

★★★★☆ 3 days ago

the six sigma green belt course was effective and taught me on various programs for further studies. was helpful

👍 Like

4.0 ★★★★☆

Ashok P
in the last week

★★★★☆ This is Ashok P, participated in lean six sigma Green Belt, the program had been well structured to accommodate all the domain irrespective particular to pharma /IT , I had gained thorough knowledge and co-participants are co-operate enough to known more about course and it was very interesting point is PR. Venkatesh (Trainer) done a good coordination in conducting the session all the days in best manner. Looking forward to attend the Business management class by KPMG in near future.

👍 Helpful?

4.5 ★★★★★

Henry Harvin Education
Pinnacle Business Park, B9, 5th Floor, sector 3, Block B, Sector 3, Noida, Uttar Pradesh

4.5 ★★★★★   291 reviews

Sort by: Highest rating ▾

M   **Mitul Goyal**
7 reviews

★★★★★ 5 days ago

The new online course of Sigma Green Belt is something which made me do it. The features of the course and structure is way more expressive and productive. There is no extra cost for further doing of course again.

👍 Like

4.6 ★★★★★

Henry Harvin Education
Pinnacle Business Park, B9, 5th Floor, sector 3, Block B, Sector 3, Noida, Uttar Pradesh

4.6 ★★★★★   107 reviews

Sort by: Most helpful ▾

A   **Aditya Pandit**
1 review

★★★★★ in the last week

A very interactive and learning experience CBAP course structure was well designed for each day of program. The speaker and facilitators were very friendly are approachable. Looking forward for more such program

👍 2

5.0 ★★★★★

← Henry Harvin Education

kalpesh oswal
2 reviews

★★★★★ a week ago

I've taken up the Certified Digital Content Writer online course with Henry Harvin under trainer Neha Singla, and it has been an wonderful experience learning it. They are really good at explaining the contents of writing and additionally provide support offline too. To sum up anyone looking for online content writing course should apply for it.

👍 Like

5.0 ★★★★★

Neha Borkar
in the last week

★★★★★ Han a great experience during my Lean Six Sigma Green Belt certification with Henry Harvin - KPMG. Absolutely recommended for anyone who wants to pursue LSS Green Belt. Training sessions conducted by Pradeep Sir were very well planned and insightful. Learning six sigma concepts from a very well experienced and knowledgeable professional was an honor. I also want to thank Ms. Chandrika Rao who was the SPOC for this program, she has been very helpful and humble while attending my queries and requests. The overall experience was excellent!

👍 Helpful?

1100+ Google Reviews   200+ Youtube Video Testimonials

About Henry Harvin® Education

As a competency and career development organisation, Henry Harvin® Education develops, enhances and promotes select skill-sets those are deemed essential of changing times. Embedding 'Value Creation' at the core of its vision, Henry Harvin® Education partners with best in industry organisations and empanels domain experts to transform careers of diverse audience from industry and academia by harnessing the power of skillcentric training programs. These programs are carefully handcrafted to deliver tangible output for its learners by creating a distinguished biosphere of latest learning technologies, effective content and experienced trainers. Henry Harvin® Education is inspired by contributions of Mr.Henry Dunster (First President of America's Oldest University) to the education industry which sustain for over 400 years.

About Henry Harvin® Analytics Academy

Henry Harvin® Analytics Academy has been setup with an objective to advance the professional journey of Content professionals by upskilling them with key skills. These skills are imparted through action oriented learning solutions that are carefully handcrafted by subject matter exper ts with extensive industry experience. These learning solutions are delivered using our unique goal-centric pedagogy by select professionals from leading organizations those also empanelled as domain experts with the academy. This enables the academy in achieving its goal of empowering managers to reach their full professional potential. Henry Harvin® Analytics Academy aims to function in its outreach geographies and upskill 200,000 Writers till 2030!

🌐	henryharvin.com	📞	+91 9015266266
✉	hello@henryharvin.com	🟢	+91 9891953953