



*Vendor-Neutral Global IT Certifications*

**Star AI X-pert**

# Acing The Artificial Intelligence



**SAIX**  
Star AI X-pert

Exam Code: S08-518

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EXAM



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# Star AI X-pert

AI is being incorporated in almost all the industries and in our day-to-day lives. By 2020, AI technologies will be virtually pervasive in almost every new software product and service. This immense opportunity is creating huge talent shortage. The need for AI professionals exists in industries like healthcare, transportation, insurance, logistics and even customer service.

Star AI Pre is a foundation level certification program aims to help learners acquire a fundamental understanding of various concepts related to AI. The purpose of this certification program is to build the interest of the learners in this immensely lucrative field of AI and associated fields. The program decodes AI, and explains basic terminologies, problem solving, data analysis, learning methods of AI, application areas of AI and the impact of AI. With this certification candidates get an opportunity to work in the field of AI and later if they want to learn advance skill, then they can opt for the advanced-level AI course.



**Audience:** Beginner with limited/no knowledge of AI. The learner can be from IT or Non-IT domain but should have basic knowledge of Mathematics and Statistics.

## Course Objectives:

In this course, you will learn about:

- Fundamentals of artificial intelligence
- Data analysis with AI
- Application areas of AI
- Future of AI
- Data, algorithms and hardware in AI
- Basics of machine learning and deep learning
- Robotics, drones and driving cars

## Course Outcome :

After completing this course, you will be able to:

- Explain artificial intelligence
- Understand data, algorithms and hardware in AI
- Perform data analysis with AI
- Interpret machine learning and deep learning
- Identify the application areas of AI: robotics, drones and driving cars
- Recognize the future of AI

## Course Outline :

1. Introducing Artificial Intelligence (AI)
2. Branches of AI
3. Role of Data, Algorithms and Hardware in AI
4. Data Analysis with AI
5. Machine Learning in AI
6. Deep Learning in AI
7. Planning with AI
8. Computer Vision, Voice and Natural Language Processing with AI
9. Robotics with AI
10. Drones with AI
11. Driving Cars with AI
12. Future of AI
13. Case Study 1: Information Technology
14. Case Study 2: Medical
15. Case Study 3: Interacting with Humans
16. Case Study 4: Transportation
17. Case Study 5: Manufacturing & Logistics
18. Case Study 6: Crisis Management

## Exam Information:

Exam Code	: S08-518	Exam Pattern	: Multiple Choice
Exam Duration	: 2 Hrs	Exam Delivery	: AEPTC (ACADEMIC EDUCATION & PROFESSIONAL TESTING CENTER)
Passing Score	: 70%		

**Course Duration :** 40 Hrs