

# Building AI Readiness Bootcamps

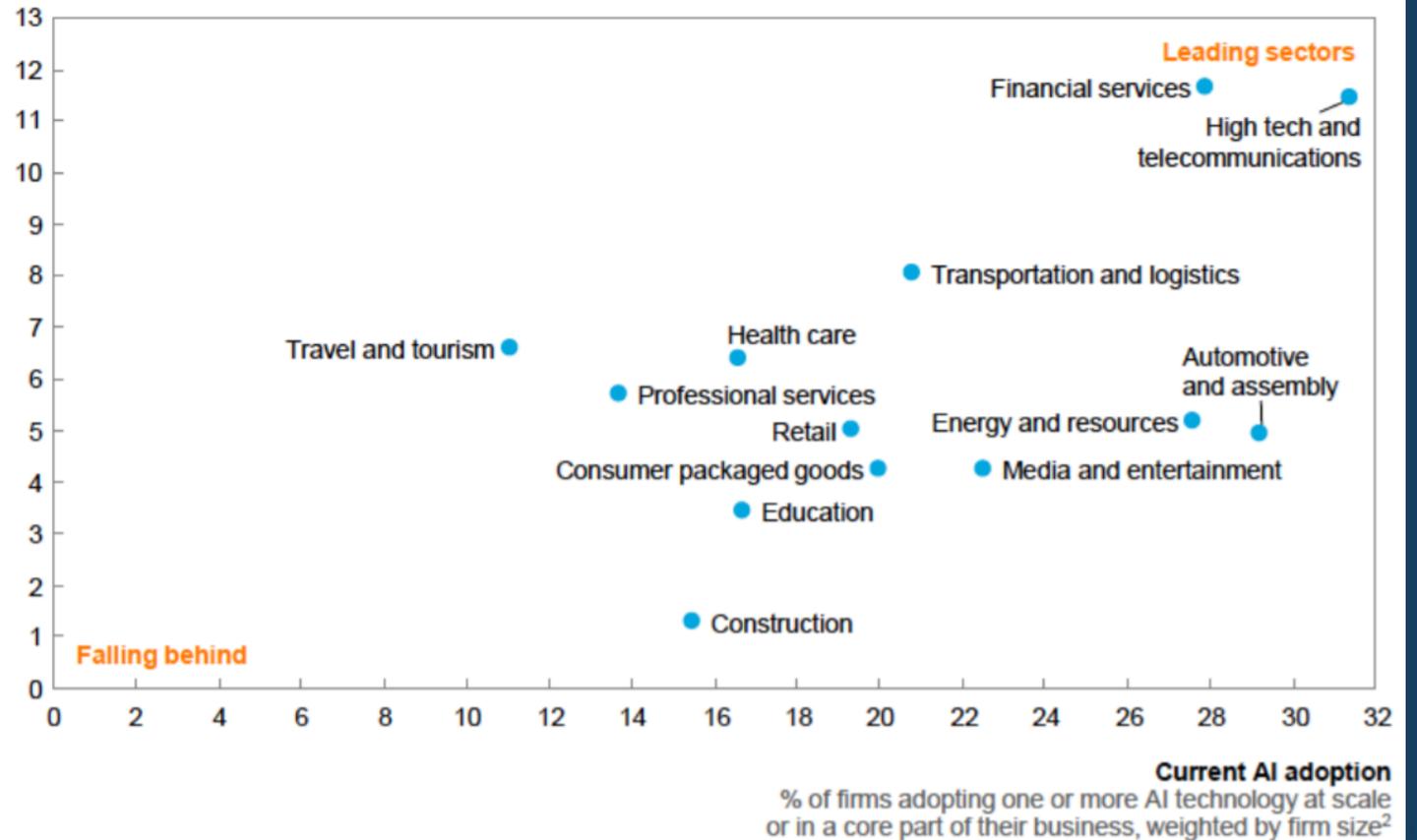


# What is Artificial Intelligence?

Figure 6: Current AI adoption and future AI investments by sector

**Future AI demand trajectory<sup>1</sup>**

Average estimated % change in AI spending, next 3 years, weighted by firm size<sup>2</sup>



Source: NITI Aayog

<http://cbseacademic.nic.in/ai.html>



## केन्द्रीय माध्यमिक शिक्षा बोर्ड

(मानव संसाधन विकास मंत्रालय, भारत सरकार, के अधीन एक स्वायत्त संगठन)  
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## CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organization under the Union Ministry of Human Resource Development, Govt. of India)  
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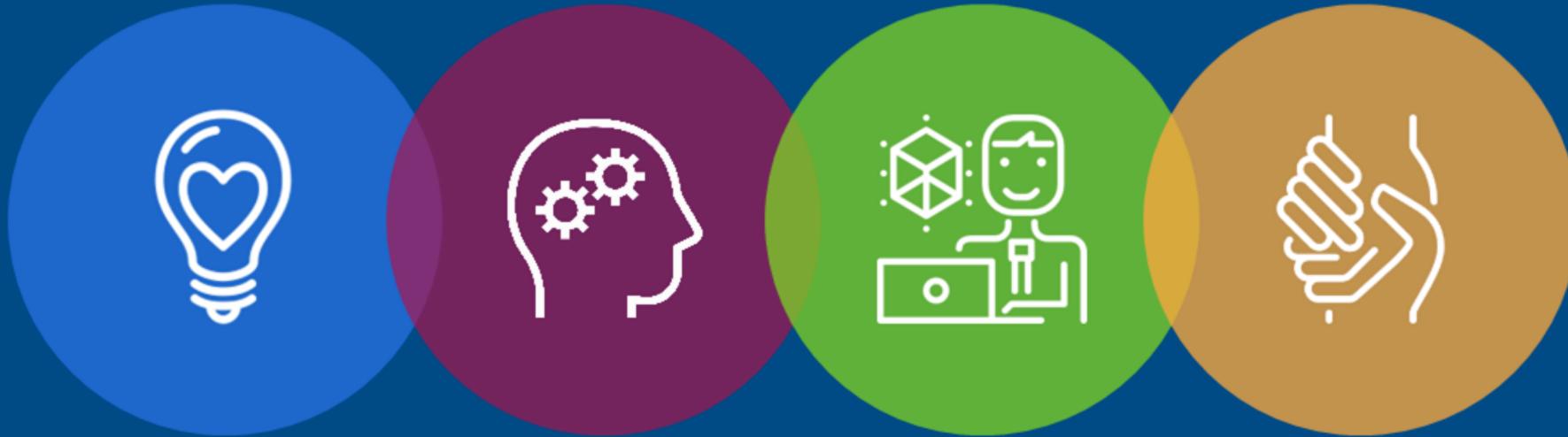
### CBSE Artificial Intelligence Curriculum Launch



### Artificial Intelligence Curriculum Class 9 Facilitator Guide



# Intel® AI For Youth



## 1. INSPIRE

Get excited with the possibilities of AI and discuss pertinent issues around AI e.g. ethics, bias, etc.

## 2. ACQUIRE

Acquire basic concepts in AI and be introduced to the three domains of AI – Statistical Data, Natural Language Processing and Computer Vision.

## 3. EXPERIENCE

Delve deeper into Computer Vision through hands-on activities. Complete the Fashion MNIST challenge and develop skills in data collection, model training and code modification.

## 4. EMPOWER

Create social impact projects with the skills learnt and influence others to be AI-ready.

*4-stage learning journey to equip youths with the mindsets and skillsets for AI-readiness*

# Building AI Readiness Bootcamp

- Objectives of this camp are to:
  - Help students understand Artificial Intelligence and related concepts
  - Take them through experiential learning with the help of extensive hands-on learning sessions
  - Provide mentorship support to students and empower them to become the solution-providers for the nation

*By the end of this camp, students will be able to make use of their newly acquired AI skills and develop AI-enabled projects.*

# AI For Youth Bootcamps: a glimpse inside!

- Introducing Artificial Intelligence related concepts to students
- Strengthening python programming skills through extensive hands-on learning
- Self-directed learning around domain-specific concepts
- AI-model programming practice
- Developing an AI-powered project

# What's in it for Students?

A new way to look  
at AI

Gamified Learning

AI Project building

Immersive  
Hands-on Learning

AI For Good

Project Mentoring  
by AI Experts

# Roles & Responsibilities of Teachers

- Encourage students and increase participation
- Ensure zero drop-outs
- Keep a track of student participation during the camp
- Ensure students' consistent performance
- Be an active participant throughout the camp

# Roles & Responsibilities of Students

- Attend all sessions. 100% attendance.
- Be open to learning and explore beyond sessions.
- Help & Collaborate.
- Talk. Enquire. Learn.
- Stay active on WhatsApp group.

# Session Pre-requisites

- Laptop with optimal processing power with any OS
- Strong internet connection
- IPR signed by parents

A photograph of a woman and a young girl sitting at a desk, looking at a laptop screen. The woman is pointing at the screen, and the girl is also pointing. They both appear to be smiling and engaged. The background is slightly blurred, showing a window with light coming through. A white curved line is drawn over the right side of the image, partially overlapping the laptop and the woman's hand.

intel<sup>®</sup>  
digital  
readiness

The Intel logo is centered on a solid blue background. It features the word "intel" in a white, lowercase, sans-serif font. A small blue square is positioned above the letter "i". To the right of the word "intel" is a white registered trademark symbol (®).

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