



Building An AIOT Ready Workforce

Artificial intelligence holds the potential to make a profound impact on the next generation of workforce. World Economic Forum in its Future of Jobs Report 2020 states that 97 million new jobs will be created across 26 countries by 2025."*

* IBM: AI will necessitate employees to reskill in the next 3 years, ETHRWorldME (indiatimes.com)

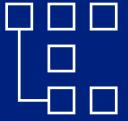


Transforming Tomorrow's Workforce through Al Excellence

With the technology and business landscape continuing to change at an unprecedented pace, equipping students with industry-ready skills is now of paramount importance.

Dell Technologies, in collaboration with Intel, is bringing forth a comprehensive AI empowerment program - Intel® AI for Future Workforce - to empower the workforce of tomorrow with necessary AI skills for employability in the digital economy.

Al Domains Covered in the Program



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Statistical Data

Natural Language Processing **Computer Vision**



Intel's AI for Future Workforce program is very relevant in today's time. Training quality was excellent. I learnt various new AI, Data analysis and visualization tools. Excited to take it ahead to students."

Pritam Ghosh, Lecturer,ICV Polytechnic Jhargram, West Bengal



Customizing Programs to Individual Requirements

The program offers two choice for institutes to integrated AI skills in their existing curricula.

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Intel[®] Al for Future Workforce Elective Program



Intel® Al for Future Workforce Core Program



Al for Future Workforce Program is truly insightful and engaging! I feel more confident in my understanding of Al concepts now. Thank you for such a valuable experience.

Teena Sajwan,

Student, MCA, 2nd year, Punjab University, Chandigarh

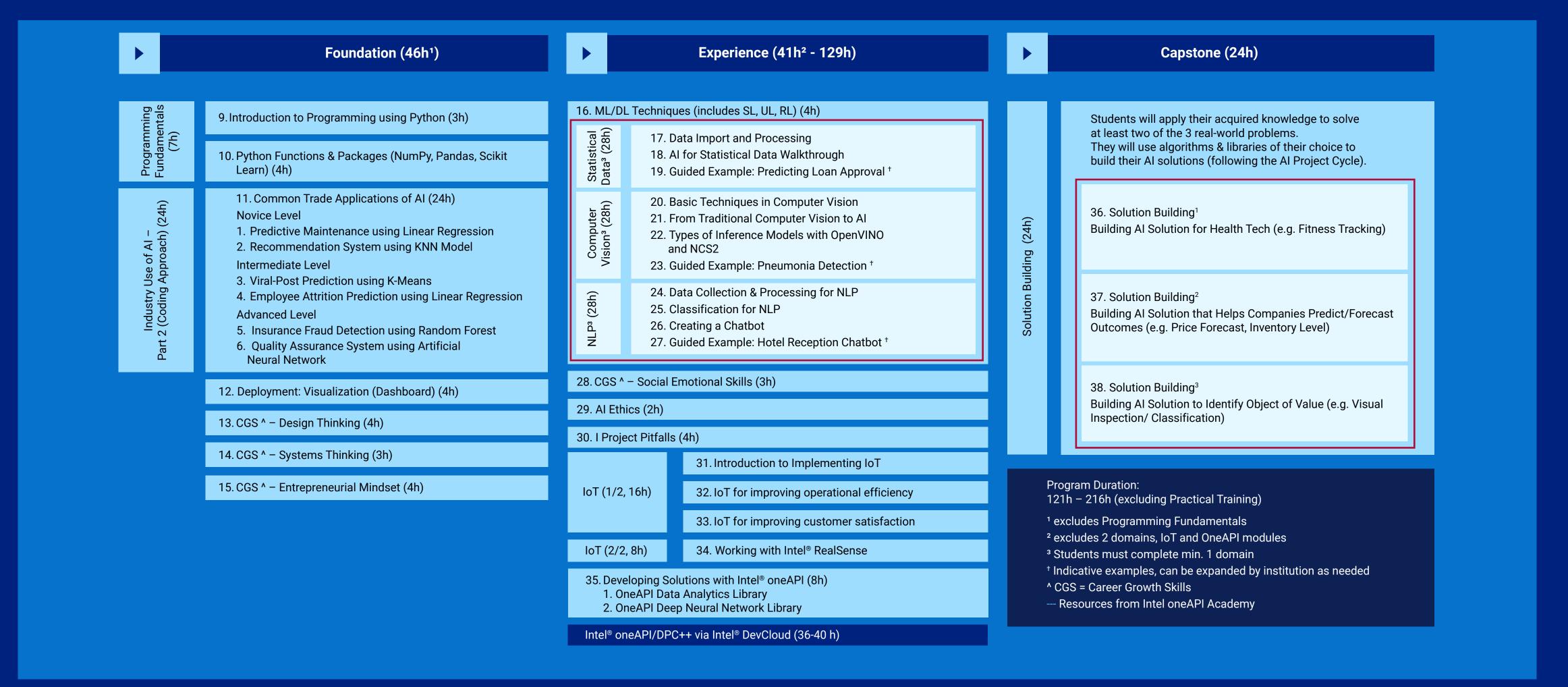




Intel® Al for Future Workforce Elective program

Accelerate the Path to Building Al-based Solutions

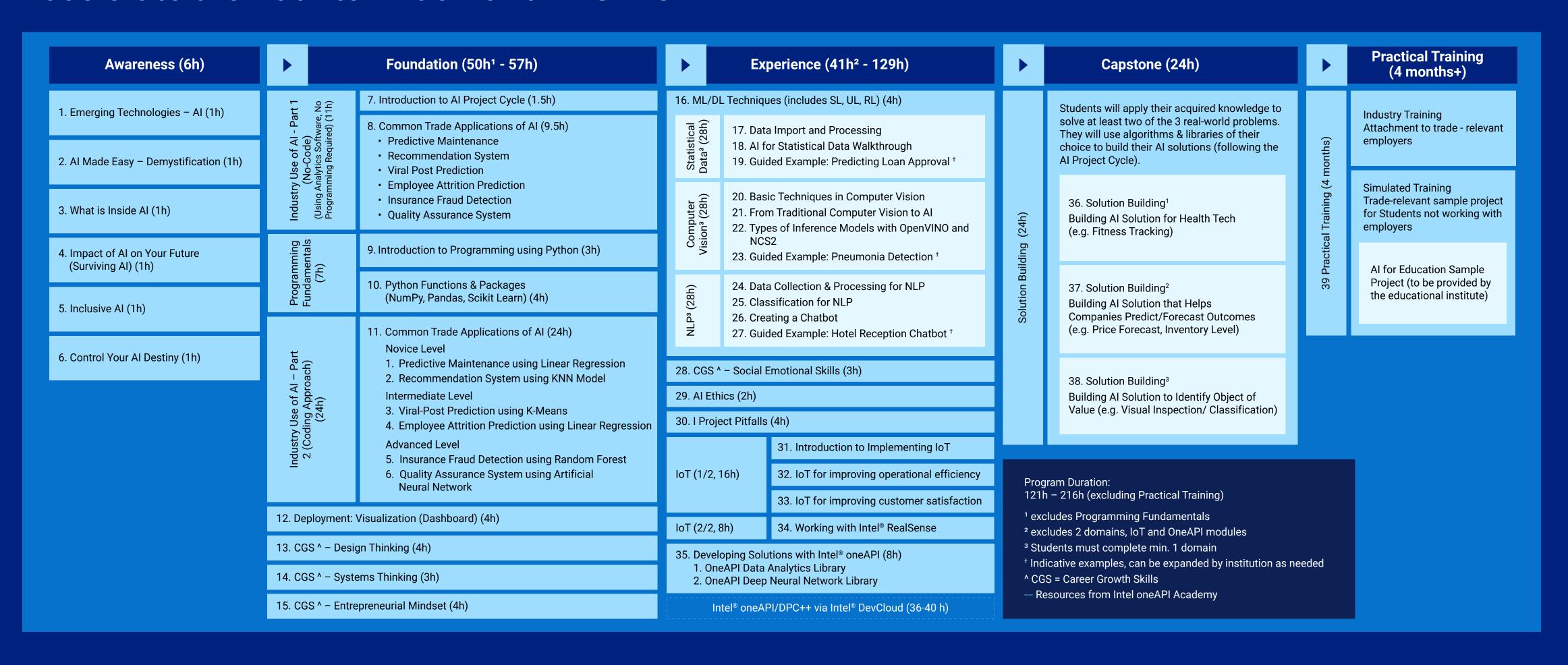
The elective program provides 108 hours of content with a focus on industry-tailored capstone projects. Integrated over two semesters, this course enables students to demonstrate their technical AI and non-technical competencies in building AI-based solutions.

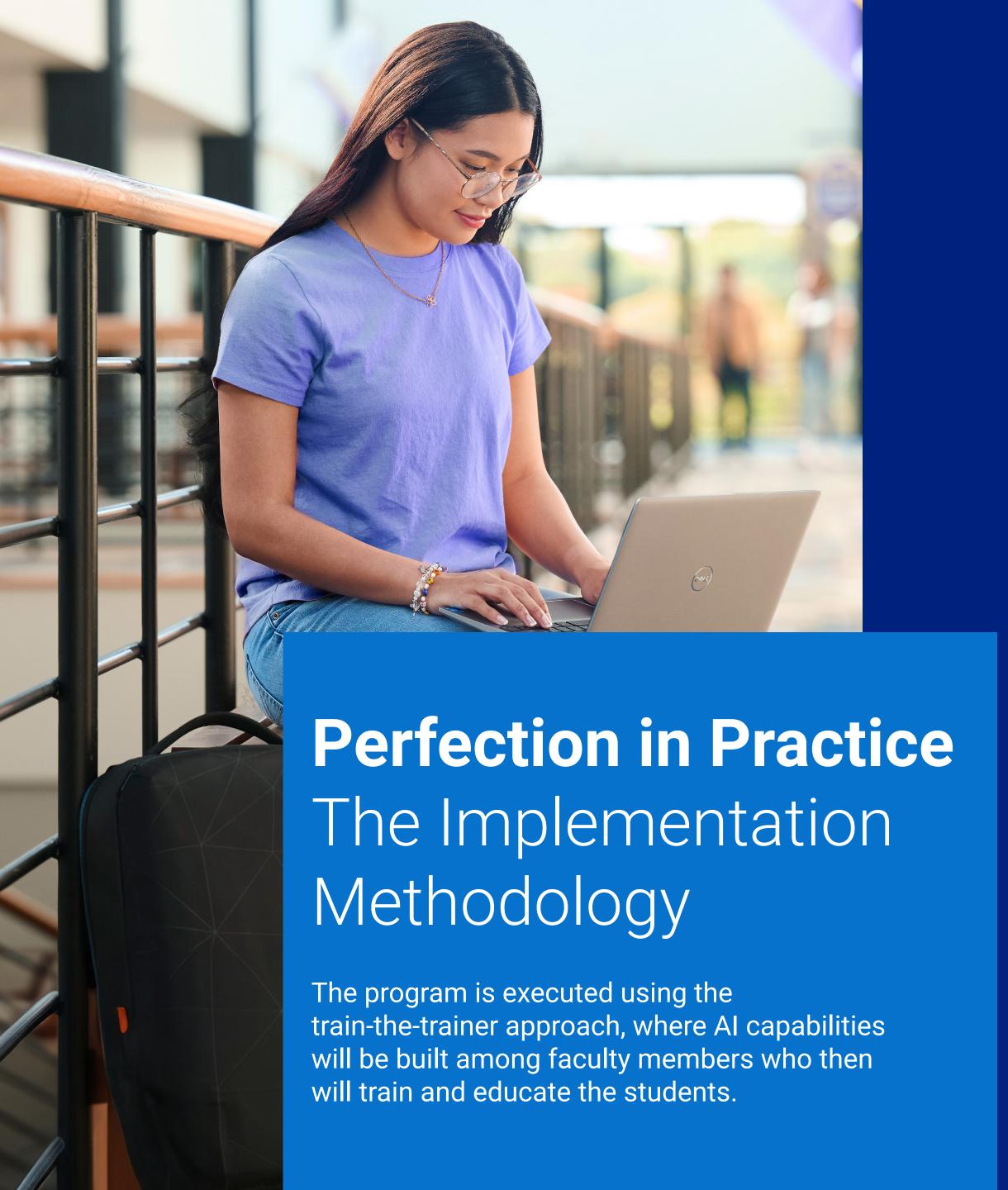


Intel® Al for Future Workforce Core program

Accelerate the Path to In-demand AI Skills

This 216-hour AI curriculum equips participants with essential skills for industry-oriented AI solutions. The customizable course will be implemented as a standalone program spanning over 4 semesters, supplemented by additional modules provided by participating educational institutions. The participants will also get a chance to work on industry-level problems through simulated apprenticeship.





Establishing the AI Lab

Infrastructure to help participants create industry-ready solutions.



Faculty Enablement



30-hour training for nominated faculty members by Intel trainers. On successful completion will be certified by Dell Technologies and Intel.

Curriculum Mapping

Mapping and integrating the program curriculum into current institution curricula, facilitated by Intel trainers.



Student Training



Trained professors will educate the students based on the predetermined curriculum. On successful completion, which includes submitting capstone project for elective program and simulated practical training for core program, students would be certified by Intel and Dell Technologies.

Program Outcome The Path to Achievement

The program paves the way for the participants to create industry-oriented guided and capstone projects using software like Python, OpenVINO™ Toolkit, Intel® OneAPI, Intel® Endpoint Management Assistant (Intel® EMA), and more.

Participants will get a chance to work on the following industry-oriented capstone projects based on the program and elective of choice.

Al Domain	Capstone Projects
SD	Building the AI model to predict crypto currency.
Computer Vision	Analyzing the customer demographic for e-Auto shop by creating a CV model
NLP	Designing an NLP model comprising chatbot, sentiment analysis for an e-commerce website.

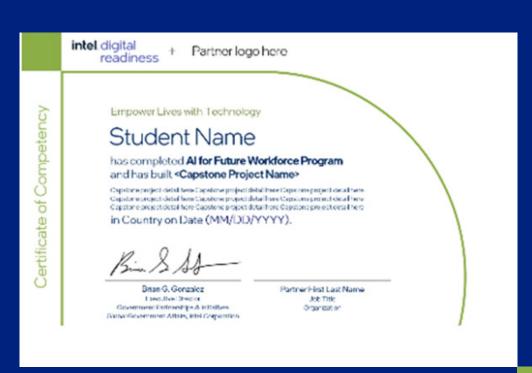
The educational institutions opting for Intel[®] AI for Future Workforce Core program will also have the chance to participate in practical training in a **simulated industry ecosystem**.





Certification on Successful Completion

Students will be awarded certificates on successful completion of required projects and training and showcasing their technical skills and problem-solving ability in a professional environment.



Intel[®] Al for Future Workforce Core program

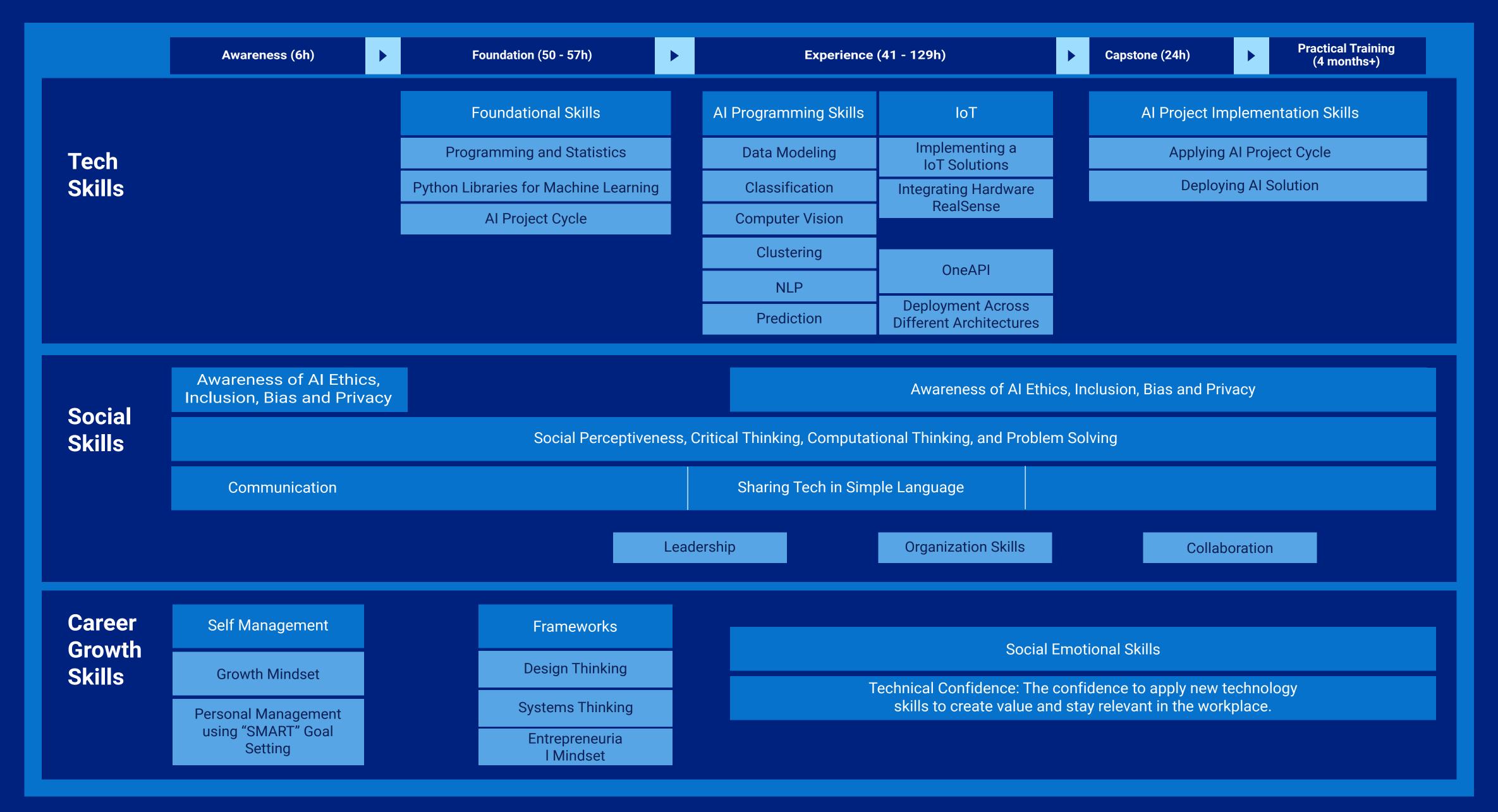
Certification on completing Capstone projects & practical training for the core program.

Intel[®] Al for Future Workforce Elective

Certification on completing Capstone projects for the elective program.



Measuring Al Excellence by Delivering Outcomes



Empowering Al

Readiness with Right Tools

The course is filled with a plethora of projects and simulated practical trainings that focus on the development of solutions for real industry problems. Equip your students to achieve optimal outcomes with the required Al-optimized software. **Dell Precision Workstations** have been optimized to ensure that your Al hardware and software stack will run fast and without headaches.

Professional-grade hardware

Scalable & customizable hardware configuration

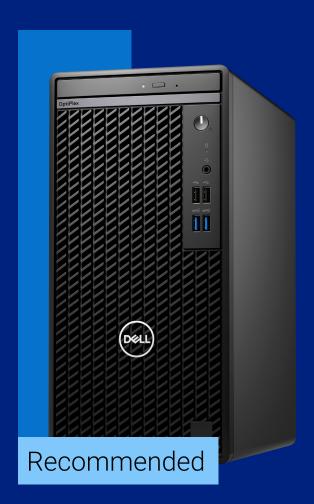
Compatible and optimized performance

Powerful computation for Al tasks



Empowering Aspirations with the Right Toolset **Entry-level** Products

With entry-level products, students can embark on their AI journey and run statistical data analytic projects.



OptiPlex 7010 Tower

Designed to Deliver greater productivity.

12th Gen Intel Core i5-12500 Processor, 8GB, 512GB, Intel Integrated Graphics, AX211+ BT 5.2 Wireless, Win 11 Pro, 3Yr Onsite Warranty.







Taking Expertise to a Notch Higher Intermediate-Level Products

With these products, students can run statistical data analytics and natural language processing projects, along.



OptiPlex 7010 Plus Tower

13th Gen Intel Core i5-13500 Processor, 16GB, 512GB, Intel Integrated Graphics, AX211+ BT 5.2 Wireless, Win 11 Pro, 3Yr Onsite Warranty



Latitude 3340 2 in 1

13.3 FHD touch Display, 13th Gen Intel Core i5-1335U Processor, 8GB Memory, 256GB Storage, Intel(R) Intel Iris Xe Graphics, AX211+ BT 5.2, Win 11 Pro, 3Yr Onsite Warranty









Unleashing Possibilities in the AI Realm

Advanced-Level Products

With these products, students can run statistical data analytics, natural language processing, and computer vision projects - the fundamental components of the Intel® AI for Future Workforce Core program.

The Intel AI for Future workforce course opened my eyes to the vast possibilities of AI in various industries. I now feel confident and ready to embrace the AI-driven future.

Ayushi,Student, BCA 2nd Year,
Chandigarh University, Mohali



Precision 3460 SFF

13th Gen Intel Core i7-13700 Processor, 16GB, 1TB SSD, Nvidia T1000, 8GB Graphics, 8GB Graphics, AX211+ BT 5.2 Wireless, Win 11 Pro, 3Yr Onsite Warranty



Precision 3460 SFF

13th Gen Intel Core i5-13500 Processor, 16GB, 512GB, Nvidia T1000, 4GB Graphics, AX211+ BT 5.2 Wireless, Win 11 Pro, 3Yr Onsite Warranty.

















OptiPlex 7000 XE



Latitude 3340 2 in 1

13.3 FHD touch Display, 13th Gen Intel Core i5-1335U Processor, 16GB Memory, 512GB Storage, Intel(R) Intel Iris Xe Graphics, AX211+ BT 5.2, Win 11 Pro, 3Yr Onsite Warranty



I participated in Intel AI for Future Workforce Program. Very useful sessions covered information about so many AI tools and algorithms. I learnt a lot of new things which is much needed to enhance knowledge, guide our students better and make them ready for future career opportunities. Thanks to Chandigarh University and Intel for the efforts to organize the training program for the faculties.

Gaganjot Kaur,

Assistant Professor, Chandigarh University, Mohali, Punjab

For more information, connect with a Dell Technologies representative at India.Solutions@Dell.com