



INSOFE's Enterprise Education

Helping Organizations Adopt Data Science

A few of our extremely satisfied clientele



Collaborations with Global Universities



About INSOFE

INSOFE is a world-class research, consulting and education institution with an undiluted focus on Data Science.

INSOFE recognizes Data Science as a fundamental and alternative method of solving problems in engineering and business. INSOFE thus bakes the "Data Science" way of solving problems into diverse verticals like healthcare, supply chain, financial, markets, robotics etc. INSOFE creates new knowledge through cutting edge research and shares it with organizations through result driven academic and consulting programs.

Faculty

INSOFE's faculty come from diverse backgrounds and have rich experiences in their respective fields. In addition to teaching, they are actively involved in Research, Product Development and Consulting.

PhD Holders
from Top Universities

75+
Patents

70+
Full-Time Faculty

300+
Research Papers



Practicing Deep Learning, AI and Machine Learning has become easy. What used to be a PhD problem 5 years back, is a classroom practice for an engineer today.

Hence, people are working on much more complex problems and solving much more important issues using Data Science. ”

Dr. Dakshinamurthy V Kolluru
President, INSOFE

4

Incubations
Powered by IP

5

R&D Groups

100+

Consulting
Engagements

150+

Corporate Clients



Enterprise Data Science Education Custom Designed for Every Role

Every member within the enterprise has a specific role to play in enterprise Data Science adoption. INSOFE created customized programs for all layers. The short duration certifications, multi-week e-learning programs and doctoral degrees cater to senior leaders, mid-level managers, entry-level engineers and professionals.

All INSOFE-MENA programs are offered online through live lectures or as classroom programs.



Our CXO Workshops and Advisory Services train senior executives on creating data science friendly policies, designing execution blueprints, mapping people skills and infrastructure aspects

Our Translator Programs help mid-level business managers lead Data Science initiatives and align them with the enterprise goals for maximum ROI

Our engineering programs transform your IT work force to data science work force. The advanced programs upgrade your data scientists to AI specialists.

Our professional certifications ensure your non-tech professionals (marketing, HR, finance, sales etc.) become efficient and systematic users of data in decision making thus replacing guess work with evidence based analysis.

These World Changers Were Part Of Our Enterprise Education Sessions



Gillian Tans
CEO



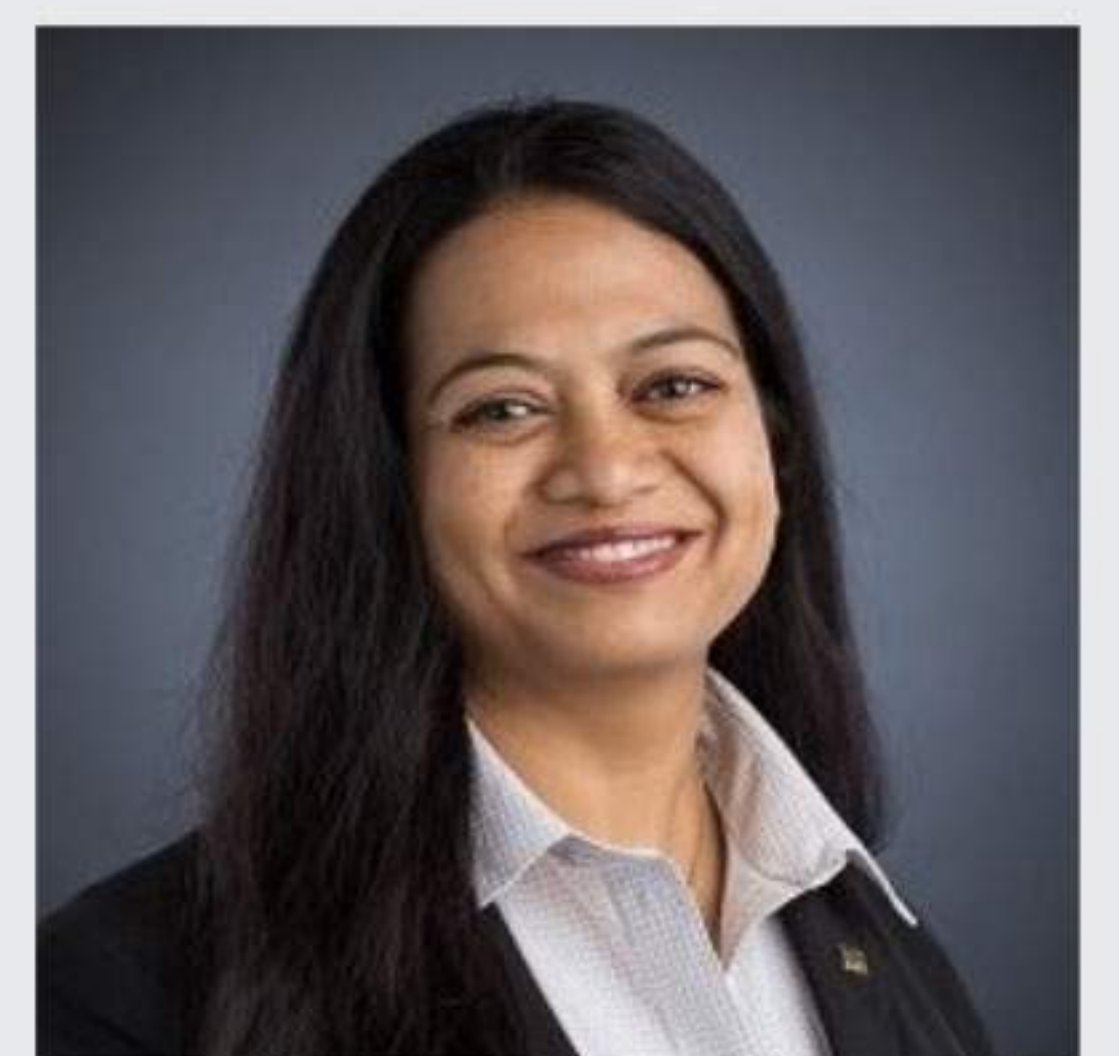
Pranay Agarwal
Co-Founder and CEO



Sachin Bansal
Co-Founder



Yousef Al-Benyan
CEO



Jennifer Anthony M
VP & BU Leader





CXO Programs

CXO Workshops

Program Benefits

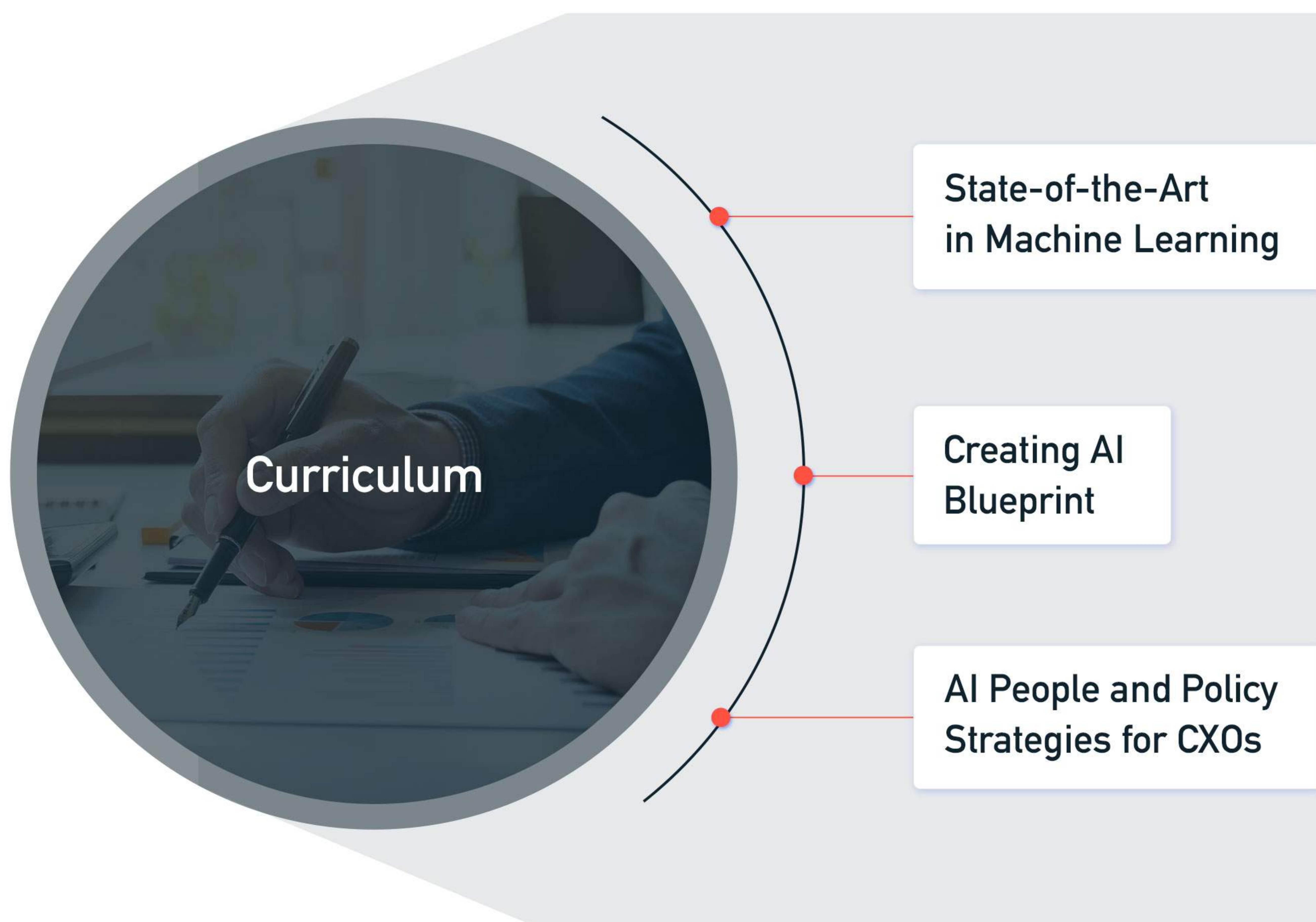
Ideally suited for organizations or divisions which are embarking on AI journey. This workshop teaches the participants what other firms are doing right and where they went wrong. Few hours spent year could save few months or years of incorrect implementation.

“The training was amazing and extremely well received across the board. This speaks to the INSOFE’s ability to tackle complex topics and break them down in a way that people at every level can understand and appreciate. Many participants reported that it was the best training that they had ever attended. Multiple-use cases, tactical improvements, and the ability to leverage state-of-the-art Analytic techniques have come out of it.”

- Head of Analytics | Fortune 1000 Retailer

Key takeaways for the participants

- State of the art in Data Science
- How to use data science as a differentiator
- Frameworks for designing data science friendly policies, creating right teams and infrastructure for data science adoption



DBA

Doctor of Business Administration in Data Science



Program Benefits

This program is a great tool to retain and transform the very special members in your executive team to thought leaders of Data Science. They gain mastery in using scientific Data Science principles to solve pressing business problems.

Rennes School of Business is the degree granting institution for this program. RSB is a Global School of Management in France, recognized worldwide as one of the Top Business Schools with a Triple crown (one amongst the 93 B Schools in the world to have all 3 accrediting bodies accredit).



Executive MBA
Ranking 2019



Master in Management
Ranking 2019



European Business Schools
Ranking 2019

Key takeaways for the participants

- Guidance and mentoring from the faculty of INSOFE and RSB
- Extremely relevant applied course work and a thesis work designed to product publications, frameworks and patents of relevance

Curriculum

3 years of part-time study comprising of:

- 120 credits of course work divided into general research methods, data science specialization topics (3 weeks in France)
- 80 credits of thesis work. Sample DBA projects
 - A framework for designing engineering, statistical and business performance metrics for a Data Science implementation
 - Modeling Epidemics and Pandemics
 - A framework for designing and deploying early warning systems
 - A systematic study of Quantum machine learning algorithms

Sample DBA Projects

- A framework for designing engineering, statistical and business performance metrics for a Data Science implementation
- Modeling epidemics and pandemics
- Designing and deploying early warning systems
- Quantum Machine Learning algorithms

*Sponsoring a candidate in DBA
enables your organization to create
thought leaders who can use Data Science
to propel your organization from competitors.*



Mid-Level Managers

Translator Programs

Program Benefits

One of the toughest challenges in implementing data science is bridging the gap between the business and technology teams. Historically, DS implementations are most successful when business leaders owned them. Our translator program gives the confidence and skills to your business leaders (product managers, program managers, project managers, consultants) to lead data science projects successfully.

The translator program is co-developed and certified by Indian Institute of Technology Ropar, CICE-Carleton University Canada and INSOFE.



A worthwhile (productive, informational, and thought-provoking) working session for me a few months ago. I would recommend it to other leaders in BI and Data Science functions, as well as in IT, strategy, marketing, sales, finance, and operations.

- VP, Insight & Analytics | \$1B Oil Distributor



Key takeaways for the participants

A key understanding of the role disruptive digital technologies can play in an organization growth
Frameworks and skills to translate a business problem to technology problem and lead the implementations efforts



Value added services

Access to talent

With 6000 alumni and 1000 students, INSOFE is a great place for recruiting analytics talent. You can participate in our recruitment drives interview our candidates, assign them internships and more



“

INSOFE has been a great partner for us. Some of the past recruits from INSOFE have scaled up very well as data scientists in our organization and made a huge difference to our products. People here learn not only algorithmic scales but get trained very well and improve their business acumen.

”

Manoj Oleti

Lead Data Scientist/Technical Architect, ADP

Consulting engagements

Over 150+ consulting engagements across industry verticals make INSOFE perhaps the most actively consulting educational institution. You can either outsource the entire work to us or have us guide and monitor your employees.

“

From day one, INSOFE's intellectual ability was obvious, but we have been most impressed with their uncanny ability to provide context to problems. I would recommend them to any company looking for a strong intellectual Data Science partner.

”

- Head of Data Science, Fortune 1000 Retailer



Engineering Teams

PGP LIVE in Data Science

Program Benefits

INSOFE's PGP is the world's most recognized Data Science certification! The credits earned in this program are accepted as 50% of the credits in 8 masters and one doctoral degree across 3 continents. There is simply no better way to transform your IT workforce into hands-on, problem solving data scientists.



INSOFE is the best choice because of its intense curriculum, world-renowned faculty, and resources that made me a leader in the field of Data Science.



Sheel Dashrath Singh
Principal Consultant

Key takeaways for the participants

This is a 10-month part time certification with carefully designed milestones

- In three months, they gain mastery in statistical analysis of data and visualization of insights
- In 6 months, they become hands-on in building complex models and help your organization in data driven predictions
- In 10 months, they transform into full fledged data scientists who can work with structured and unstructured data and build decision support systems

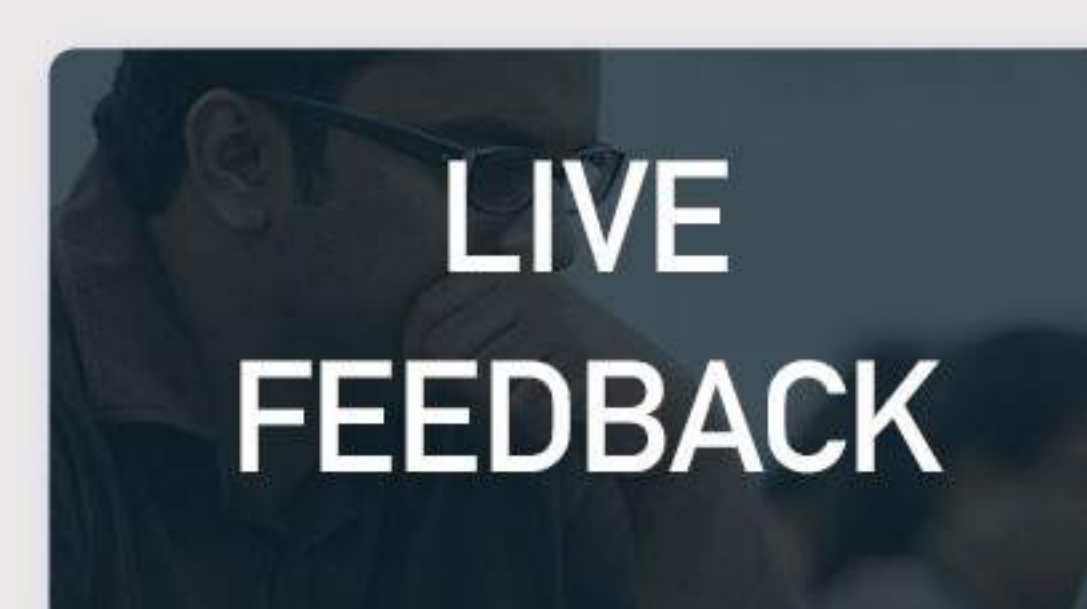
Curriculum

405 hours of live online training (offered 8 hours every week as live lectures)

- Statistics
- Programming (R, Python, Tableau)
- ML and AI on structured data
- Design thinking
- Specialization in any two tracks of the following 4
Vision, NLP, Robotics and Big Data

60 hours of model development bootcamp, 2 Hackathons, 30 quizzes, 5 examinations

A Unique Virtual Classroom Program
with 1:10 Faculty-Student Ratio



Certified AI Specialist

Program Benefits

This is the quickest way to transform your data scientists into AI specialists who can build scalable applications and deploy them across the enterprises.

Our Certified AI specialist program is co-developed, taught and certified by CICE-Carleton University Canada and INSOFE.



INSOFE provided me a great learning atmosphere to master the art of Data Science. The faculty were extremely passionate and dedicated throughout the journey. The Rigorous curriculum helped me understand all the concepts with ease. This allowed me to apply my learning in real-time applications.

-Amit Sharma
VP & Chief Data Scientist

Key takeaways for the participants

This is a 6-month part time certification with carefully designed milestones

- In three months, they gain mastery in enterprise grade application development and data science specialization
- In the next three months, they hone their engineering skills through bootcamps and research skills through thesis

Curriculum

- 150 Hours of live online training
 - Enterprise-grade AI application development
 - Specialization in any two tracks of the following 4
Vision, NLP, Robotics and Big Data
- 60 hours of scaling and deployment bootcamp
- 200 hours of thesis work on a state of the art machine learning idea under the supervision of a mentor

Specialization Courses - 1 week to 1 month

Program Overview

INSOFE's Specialization Certification Programs are designed with a detailed conceptual theory along with hands-on learning experience for individuals, to gain expertise in one particular niche area.

PROGRAMS

- Certificate Program in R and Python programming for Data Science
- Certificate Program in Computer vision
- Certificate Program in NLP using Deep learning
- Certificate Program in Cloud Computing
- Certificate Program in Social Media Analytics
- Certificate Program in Financial Markets Analysis
- Certified Program in Healthcare Analytics
- Certificate Program in Advanced AI: BERT and XLnets
- Certificate in Chatbot Development
- Certificate in Big Data Analytics
- Certificate in Robotics and Autonomous systems
- Certificate in Big Data Administration for AI implementations
- Certificate in Blockchain Analytics



It was just a phenomenal experience to get up to speed on some of most recent and cutting edge Deep Learning and ML techniques and their applicability to various business and consumer opportunities. Clearly, compressing 40 years of evolution of DL/ML into 7 days is not for the faint hearted! Bravo!



-Sunil Gopinath, Senior Vice President at Rakuten

INSOFE has over 400 hours of Data Science modules and we can customize them for your needs



Programs for Professionals

Certificate in Essential Data Analytics

Program Benefits

Data science can be truly adopted by an organization only when every member knows how to behave responsibly w.r.t data and is capable of using it to maximum benefit. Our certificate in essential data analytics is designed precisely for that. It helps every non-IT professional in your firm learn sufficient amount of data science so that they can perform their job with utmost efficiency in the new age you are ushering into.

Our Certificate in Essential Data Analytics program is co-developed, taught and certified by CICE-Carleton University Canada and INSOFE.

...Many participants reported that it was the best training that they had ever attended. Multiple-use cases, tactical improvements, and the ability to leverage state-of-the-art Analytics techniques have come out of the training.

- Head of Analytics from Leading Retail Store

Key takeaways for the participants

This is a 5-month part time certification with carefully designed milestones

- Participants master using Excel, Tableau and KNIME for data analytics and visualization work. They also gain sufficient confidence to use R
- They learn how to build data based models, interpret and communicate the results

Curriculum

111 hours of live training spanning across 5 months

- R, Tableau, Excel and KNIME for data professionals
- ML approaches
- Regression, classification and optimization
- Basics of text analysis for any professional
- Defining business problems as Data Science problems
- Digital technologies in enterprises



Enterprise Education Programs in
Data Science, AI and Machine Learning

12+
COUNTRIES

150
CORPORATE PARTNERS

4,000
PARTICIPANTS



INSOFE Campus

HYDERABAD

2nd Floor, Jyothi Imperial
Vamsiram Builders
Janardana Hills, Gachibowli
Hyderabad – 500032

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Andheri East, Mumbai - 400093

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