PROFESSIONAL CERTIFICATION PROGRAM IN

DATA ENGINEERING

ABOUT **THE LIVE PROGRAM**

Thousands of online courses exist today. What many of them lack, however, is a commitment to helping you translate your knowledge into something tangible - the ability to excel and grow as a D a t a E n g i n e e r professional. To tackle this, we have designed to give you the immersive experience, learning support, and peer to peer interaction of a full-time course with the flexibility of an online program.

The program uniquely combines a comprehensive curriculum, covering the most widely-used tools and techniques in the industry, with a hands-on learning approach. A structured learning journey keeps you on track throughout as you achieve your weekly learning milestones with your mentor and benefit from their rich professional experience.

FORMAT
Online (Recorded Video Lectures + Interactive Mentored Learning)

LEARNING SUPPORT
Dedicated Program Platform + Industry Mentor

TIME COMMITMENT
2 Hours per Day

DURATION
2 Months

PROJECTS
2+ Hands-On Projects

Following a learn-by-doing pedagogy, the program offers you the opportunity to apply your skills and knowledge in real-time every week through interactive mentor-led practice sessions, quizzes, assignments, and hands-on projects. As you do so, you come to truly appreciate the nuances of Artificial Intelligence and build your portfolio in the process.

On a whole, the program empowers you with the skills, body of work, and job market insights you need to find the right career opportunities or lead Data Engineering teams in your current organization. All this comes with the credibility, global advantage, and Industry leadership of Management Career Institute

THE MCI
ADVANTAGE

Live Capstone Projects

Live Mentorship

Live Doubt Resolution

Peer to Peer Networking

Global Certification

With a proven track record of success,
Cutting-edge research, and teaching methods,
you can be confident that you are learning from
the best of the best Industry Experts.

Key Facts about Data Engineering Roles

The **Dice 2020 Tech Job Report** labeled data engineer as the fastest-growing job in technology in 2019, with a 50% year-over-year growth in the number of open positions.
The report also found it takes an average of **46 days to fill data engineering roles** and predicted that the time to hire Data Engineers may increase in 2020 "as more companies compete to find the talent they need to handle their sprawling data infrastructure.

THIS PROGRAM IS FOR YOU, IF YOU:

- **Aspire to build a technical career in Big Data & Datascience.**

- **solving complex Business problems in a structured**

  manner & Data Pipeline architecture.

- **Are comfortable in dealing with advanced Tools, technology & Algorithms.**

- **Have prior programming experience and want to learn Python.**

- **Want to build Advanced Data Pipelines with ML solutions**

  integrated into tech infrastructures.

- **Wish to learn advanced Big Data Learning techniques and their applications.**

OVERALL, THE PROGRAM WILL HELP YOU:

- Lead the implementation of Data Pipelines & ETL tools in your Job

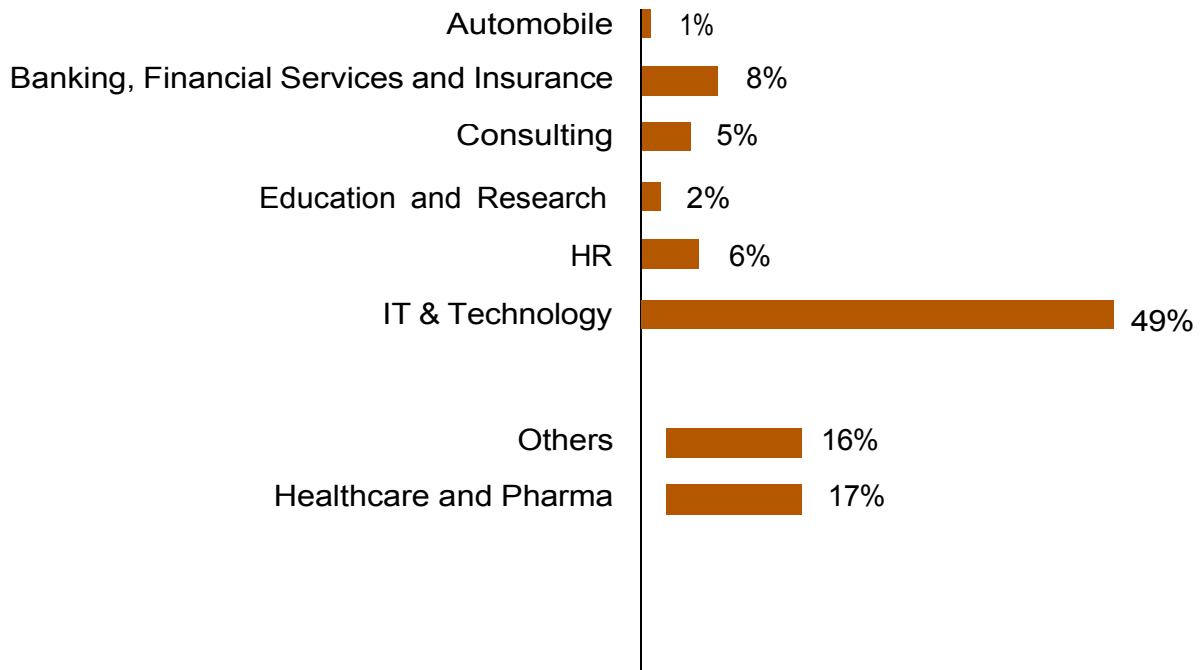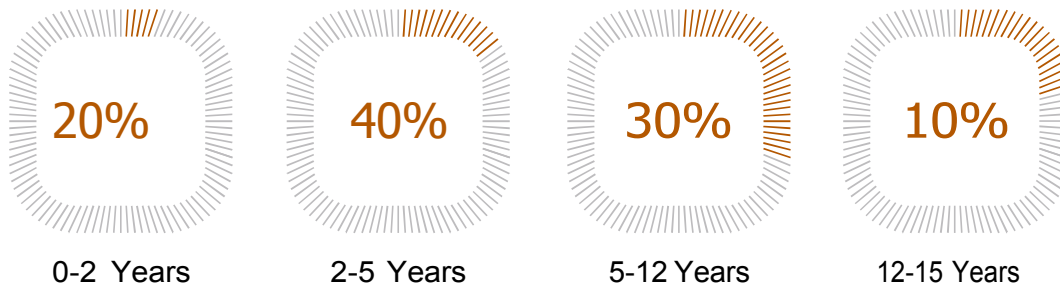- Smooth Transition to a tech career in Data Engineering & Big Data.

CERTIFICATE

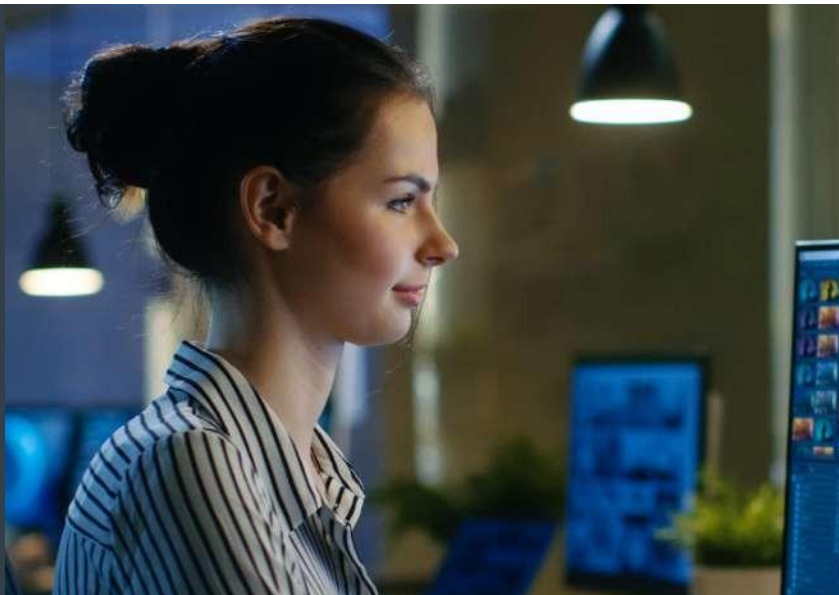Showcase your competence with a Certificate of Completion from MCI & CAIPi, Canada.

MANAGEMENT CAREER INSTITUTE · LEARN. EXECUTE. GROW.

CAIPi
Global Certification in AI & Machine Learning.

CERTIFIED ARTIFICIAL INTELLIGENCE PROFESSIONAL INC.

CERTIFICATE OF ACHIEVEMENT

This Acknowledges That

Dennis Humes

Has Successfully Completed

DATA ENGINEERING PROFESSIONAL PROGRAM

Program Content: Data Engineering Ecosystem, Data Engineering Lifecycle, Python Basics & Advanced ETL, Database Design, Database Administration, Postgres SQL, MySQL, RDBMS, NoSQL, Hadoop, Apache Spark, SparkSQL, Airflow, Kafka, AWS Redshift & Live Capstone Projects.

Instructor : Rishav Das

Equivalent to 40 PDU (Professional Development Units)

Kunal Soni
CEO, MCI

Anirudh Kumar
Director, CAIPi Canada

Issued on: 01 May 2022

Certificate No.   3648924

PAST **LEARNER PROFILES**

Each of the cohorts represent a diverse mix of work experience, industries, and geographies - guaranteeing a truly global and eclectic learning experience. Below is an indicative mix of where past learners have come from.

20%	40%	30%	10%
0-2 Years	2-5 Years	5-12 Years	12-15 Years

Industry	Percentage
Automobile	1%
Banking, Financial Services and Insurance	8%
Consulting	5%
Education and Research	2%
HR	6%
IT & Technology	49%
Others	16%
Healthcare and Pharma	17%

PROGRAM
CURRICULUM

MODULE	Data Engineering Program
	Data Engineering Ecosystem
	Data Engineering Lifecycle
	Python basics & Advance
	Python ETL
	Database (DB) Design
	Database Administration
	Postgres SQL
	MySQL Database
	RDBMS
	NoSQL
	Hadoop
	Apache spark
	SparkSQL
	Airflow
	Kafka
	AWS Redshift
	Live Capstone Projects

A STRUCTURED
LEARNING JOURNEY

Live Sessions
Consume Live video lectures by industry experts over the week & Weekends.

Live Mentorship
Clarify your doubts and practice on live data-sets with your mentor on the weekend/weekdays.

Complete a Hands-On Live Capstone Project
Work on a real-world problem to apply concepts and techniques learn in the module.

Participate in Webinars by Experts
Get an insiders' perspective into the industry through webinars organized by MCI

PROGRAM MANAGER: YOUR PERSONAL GUIDE

Your Program Manager is your single point of contact for all academic and non-academic queries. Whether you are stuck on a topic or get a sudden request for work travel, the Program Manager will hand-hold and guide you through all situations, leaving no query unanswered. They will also keep a track of your learning journey and will give you personalized feedback and required nudges to ensure your success.

LEARN FROM THE **BEST OF**
Industry stalwarts

The program is taught by experts in the fields of Data Engineering , Artificial Intelligence and Machine Learning. The Expert vast experience with research as well as live implementation in the domains of Data Engineering, AI and Machine Learning will be a crucial part of the learning journey that is aimed at inspiring a love for data in you and making you industry-ready.

BECOME INDUSTRY-READY
WITH **LIVE MENTORSHIP**

Along with strong theoretical foundations, hands-on learning goes a long way in preparing you to make data-driven decisions regarding business problems. As you work on real-life projects, you will receive personalized live mentor-ship every weekend from industry experts in AI and Machine Learning.

MENTOR PROFILES

Satish Banka
Data Science Consultant
Accenture

Rishav Das
Data Scientist
Innovaccer (UK)

Rajneet Kaur
Data Scientist Expert
Persistent

AMARJEET SAHOO
Lead-Data Science, Pricing
& Promotional Strategy, JC Penny

HELGE REIKERÅS
Data Scientist
Offer Zen

Translate Your Learning's Into Practical Applications

- 40+ hours of live mentor-ship sessions focused on doubt-resolution and case-study based practice

- Collaborative yet personalized learning in small groups of up to 35

- learners Network with peers from different geographies an domains

- Work on 2+ projects under the guidance of industry experts

- Hands-on learning with AI practitioners from leading organizations such as, Microsoft, Wipro, e-clerx, TCS among others

To access more details on the mentored learning model, please get in touch with a Program Advisor at mcimarcommteam@gmail.com

CAREER ROADMAP
SUPPORT

When you are beginning afresh in a field, insights from someone on the inside can help you get a head start.

Apart from the immediate result of landing a job, career coaches work with you on the long haul – building your strengths, working on gaps, and developing a strategy to achieve your career goals.

OUR ALUMNI WORK AT

accenture   BARCLAYS

amazon.com   Deloitte.

citigroup   nielsen

Deutsche Bank   PayPal

LAND YOUR DREAM JOB WITH:

1:1 CAREER ROADMAP GUIDANCE

Interact personally with industry professionals to get valuable insights

. . . .

RESUME & LINKEDIN PROFILE REVIEW

Present yourself in the best light through assets that truly showcase your strengths.

. . . .

INTERVIEW PREPARATION

Get an insiders' perspective to understand what recruiters look for.

. . . .

E-PORTFOLIO

Build an industry-ready portfolio to showcase your mastery of skills and tools.

Enrollment
PROCESS

- Bachelor's or Undergraduate degree with at least 50% aggregate marks or equivalent.
- Prior programming experience will be value added.

APPLICATION PROCESS

Registration Form

Register by filling up the online application form. The program follows a rolling process, so We encourage you to apply early.

Short listing and Panel Review

A panel will review your application to determine your fit with the program. They will evaluate you on your current Profile & Academic Background, work experience, and future goals.

Discussion /Screening

Analyze your past profile & advising you the appropriate skill set, you will go through a telephonic discussion (This may be waived for candidates with strong profiles and experience).

Final Confirmation

PROGRAM FEE

USD 75 $

Please get in touch with a Program Advisor for more details on flexible fee payments

READY TO ADVANCE
YOUR CAREER?

APPLY NOW

CONTACT US

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mcimarcommteam@gmail.com
https://forms.gle/2JWLD9iJ31nP48y87
https://mci.bitrix24.site/