



# AI for Business

"An 8-Hour Masterclass to demystify AI, uncover its true potential, and evaluate where your organization stands on the AI readiness journey."

This course is designed to demystify Artificial Intelligence (AI) and show how it can transform businesses for better decision-making and efficiency. Whether you are a technical expert or someone with no prior knowledge of AI, this course provides a practical and straightforward understanding of AI concepts and applications in real-world scenarios.

You will learn how to leverage data—the backbone of AI—to drive meaningful insights and automation in business processes. The course covers essential topics like **what are the fundamentals for AI, tools and different fields which includes understanding machine learning and deep learning & GenAI fundamentals.**

By the end of the course, you will have the knowledge to identify opportunities for AI in your organization and the confidence to kickstart AI initiatives, even without a technical background.

## Who Should Enroll?

- Business professionals looking to integrate AI into their workflows.
- Managers and decision-makers seeking data-driven strategies.
- Anyone curious about AI's role in transforming industries.

This course bridges the gap between AI and business, empowering you to understand and harness the power of AI in a practical, impactful way.



15000+ Happy  
Students



Best in Online & Offline  
Training Experience



Industry Recognized  
Expert Mentors

# Program Curriculum



## Lesson 1

### Introduction to AI in Business

- Evolution of AI
- Historical Milestones in Machine Learning
- Role of AI in Transforming Industries



## Lesson 2

### Understanding Data Fundamentals & BI

- What is Data?
- Big Data Fundamentals
- Business Intelligence and Data Analytics Overview



## Lesson 3

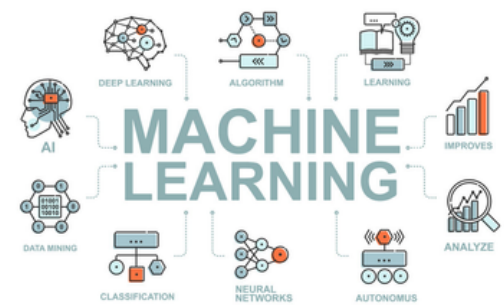
### Tools used for Data Analysis

- Excel for Basic Analytics
- Power BI and Tableau for Data Visualization
- SQL for Database Management and Analysis

## Lesson 4

### Introduction to Machine Learning

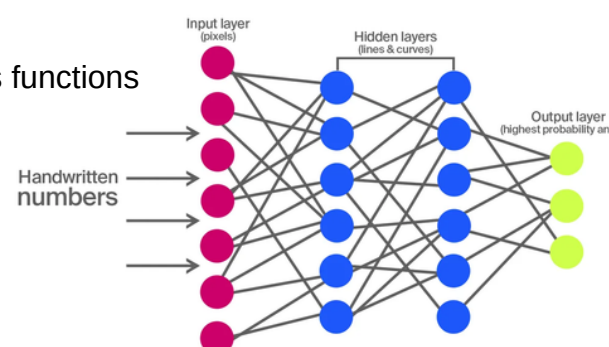
- What is Machine Learning ?
- What really meant by training & testing the model ?
- Supervised vs. Unsupervised Learning
- Overview of Linear, Logistic, Decision Trees & Ensemble method
- Real-Life Examples and Applications



## Lesson 5

### Deep Learning Essentials

- Forward Propagation, Backward Propagation, Epochs & Loss functions
- Why we need Deep Learning ?
- Neural Networks Explained
- When to Use Deep Learning vs. Traditional ML
- Gradient Descent Overview



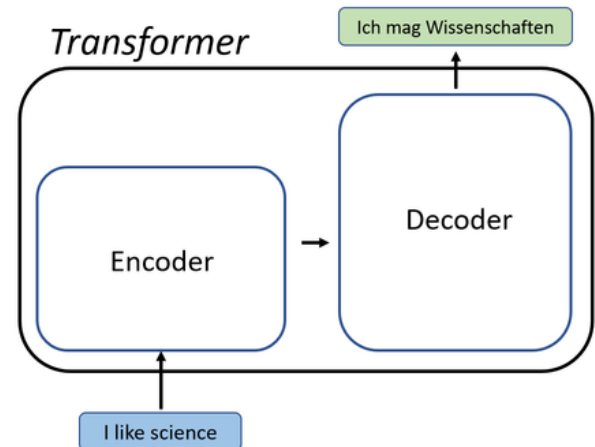
# Program Curriculum



## Lesson 6

### Introduction to Transformers & GenAI

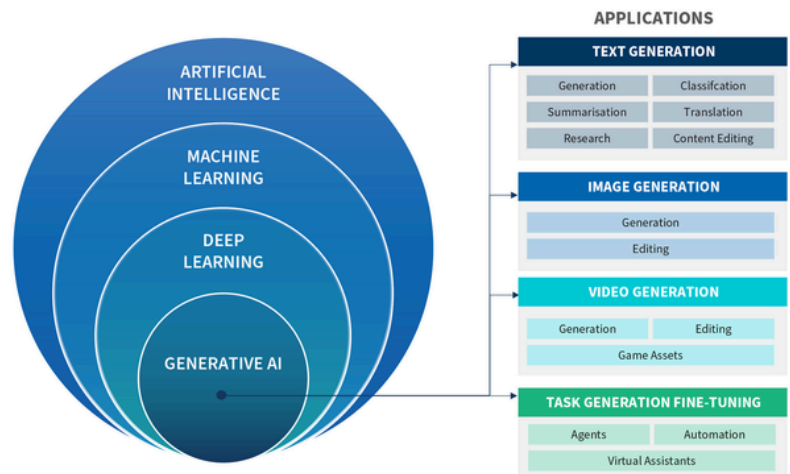
- Basics of LSTM
- Overview of Transformer Models
- Evolution of Gen AI ?
- Training, Cost, Parameters, & computational resources
- Different Models by Meta & Google ( LLAMA, BERT etc )
- LLM & Text Modelling ?
- Basics of RAG
- AI Agents
- Pilot Projects and System Integration



## Lesson 7

### Application, Ethics and Challenges in AI

- Identifying Business Needs
- Building AI-Driven Teams
- Pilot Projects and System Integration
- Ethics and Challenges in AI
- Data Privacy and Compliance
- Black-Box Models and Accountability



## Lesson 8

### The Future of AI

- Trends in AI Development
- Integration of AI with Emerging Technologies

## Lesson 9

### Conclusion

- Key Takeaways from AI in Business
- Steps for Continued Learning



# CERTIFICATE OF **ACHIEVEMENT**



## CERTIFICATE

OF ACHIEVEMENT

PROUDLY PRESENTED TO

*Name Surname*

HAS SUCCESSFULLY COMPLETED THE ONLINE COURSE

### AI for Business

He/She has excelled at AI Masterclass by successfully completing all the assignments & modules associated with the program.

DATE:




*Talun Sachdeva*

AUTHORIZED SIGNATORY



# OUR TESTIMONIALS

 Pooja Patel  
1 review


★★★★★ 5 days ago **NEW**

Under **Tarun's guidance**, I had learn SQL, and his explanations are exceptionally clear. If you're keen on mastering SQL concepts, I highly recommend considering DataMantra.

 Shubham Parashar  
59 reviews · 22 photos

★★★★★ a week ago **NEW**

I have taken online training on SQL from Data Mantra. Course content is very relevant and practicals focused. Trainer is well versed in industry requirements thus training imparted is good to start working on industry projects.

 arpit sharma  
3 reviews


★★★★★ a week ago **NEW**

Participating in Data Mantra Course was truly enriching. The curriculum was meticulously designed, encompassing crucial concepts and techniques essential for excelling in SQL and Tableau, Alteryx, python, power bi. **Mr. Tarun**, the instructor, demonstrated exceptional expertise and offered outstanding support throughout the course.

 Vishal Kumar  
2 reviews · 13 photos


★★★★★ a week ago **NEW**

Learning SQL from datamantra is such a great experience.

 Neelesh Gupta  
9 reviews

★★★★★ 4 days ago **NEW**

**Tarun** hands on experience in machine learning is biggest advantage for students learning from him , he explain the concepts in depth and make sure to resolve each and every doubt of his students , I will refer him to increase your ML understanding

 Naman Singh  
4 reviews

★★★★★ a week ago **NEW**

It was an incredibly enriching experience with Data mantra. The curriculum was well-structured and comprehensive, covering all the essential concepts and techniques needed to excel in both SQL and Tableau. The instructor **Mr. Tarun** were highly knowledgeable and provided excellent support throughout the course.


 Vineet Raina · 1st  
Business Analyst at CandorWorks | Certified Business Analys...  
1yr · 🌐

It gives me immense pleasure to share that I have graduated from the Master's Program in Business Analysis from Simplilearn by completing all the mandatory courses which were part of the curriculum. I thank Simplilearn and my course instructors Vaibhav Pandey, **Tarun Sachdeva** & Vaibhav Rajvanshi for conducting the training.


 Aditi Nath  
1 review

★★★★★ a week ago **NEW**

I had a great experience studying SQL at Data Mantra, especially with the teaching style of **Tarun sir**. The curriculum is exceptionally easy to grasp, and unique teaching method makes it even simpler to comprehend concepts ranging from basic to advanced levels. He use of real-life examples enhances understanding and real life application. Highly recommended for anyone looking to master SQL effectively 🙌.

 Kumar Saurav · 1st  
Data Analyst  
8mo · 🌐

I'm bursting with excitement to share that I've just completed the Complete SQL Mastery offered by Jobaaj Learnings. This course was packed with valuable information. Thankyou Jobaaj Learnings and **Tarun Sachdeva** for providing this wonderful course.

 Vaibhav Srivastava · 1st  
Aspiring Data Analyst | Advanced Excel, Python, SQL , Googl...  
7mo · 🌐

Dear Friends very happy on sharing this Gold Badges in Hacker Rank SQL

Very very thanks to Rakshit Vig Sir and **Tarun Sachdeva** Sir for making such kind of value for me

# MEET YOUR TUTOR



**Tarun Sachdeva**

AI & Data Science Consultant

Founder DataMantra, Instructor

[LinkedIn](#)

I am based out of **Belgium**, working as Freelancer across the world as I completed my post graduation **MSc in Data Science and AI from Top College of Europe - EDHEC Business School, France**, and I love to make new relationships across the world. In the meantime, I love to write about my travel experiences and blogs on Medium.

With nearly 10 years of diverse professional experience spanning the Finance, Manufacturing, Retail and Telecom sectors, I have honed my skills and expertise in various aspects of data analysis.

Being **Tableau/ Power BI** my first love, I am an expert in extracting and transforming data efficiently through **SQL** and utilising ETL tools like **Alteryx**. Furthermore, I have great knowledge of **Machine learning & Deep Learning algorithms too**.

My recent role was Senior Financial Data Analyst in Credit & Risk Controllershship at American Express. I am a Freelancer now and love to teach the students.

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# OUR STUDENTS ARE PLACED IN

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# OUR GLOBAL PARTNERS

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# OUR VISION

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Help & Guide students globally with innovative, personalized education for empowered learning and especially in changing the Domain.

# OUR MISSION

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Empowering individuals worldwide, our mission is to provide accessible and top-quality education, fostering skills that drive career success and personal growth.

# OUR STORY

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Our story is one of dedication to shaping futures, breaking barriers, and creating a dynamic and easy learning environment for every student and Corporate professionals



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