MACHINE LEARNING FAST TRACK

Get Certified in Python Machine Learning in Less Than 8 Weeks

INDUSTRY PARTNERS

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TOP 10 TECH ED COMPANY

GUARANTEE

MENTORSHIP

Novice-to-Practitioner in Less Than 8 Weeks

The Machine Learning Fast Track is an online instructor program that will take you from novice-to-practitioner in applied machine learning.

This program is laser-focused on teaching you practical, modern skills and tools that will take your career to the next level. Go at your own pace thanks to lifetime access and support.

Who is a Machine Learning Specialist?

A machine learning specialist is an analytical expert who is responsible for gathering, analysing, and inferring large data sets through the technical skills and curiosity to explore solutions.

ML specialist is the person who is capable of performing multiple roles such as data analyst, software engineer, data miner, business communicator, trouble-shooter, key stakeholder, and manager.

What is Normally Mentioned in an ML JOB Description? (What does an ML Specialist do?)

The roles and responsibilities of an ML specialist mainly depend on the type of client they are working for and their main skill set.

Below is the detailed description of the responsibilities of an ML specialist that most of the companies are looking for:

- Collecting data in large quantity and analysing it
- Working with stakeholders for recognizing opportunities throughout the organization to explore business solutions
- Data mining with the utilization of methods of state of the art
- Advancing the procedure of data collection to include the facts which are relevant for developing analytic systems
- Assessing the efficacy and accuracy of data gathering techniques and new data sources
- Performing ad-hoc analysis and offering outcomes in a nicer way
- Utilizing Predictive modelling to enhance and improve the experiences of customers, profits generation, and other business results
- Identifying different trends, relationships, and patterns within data
- Arranging data preparation and text analytics
- Interacting the outcomes to IT leaders and business
- Coordinating with various functional teams to implement models and observe

What are the Important ML Specialist Skills?

There are certain skills that are very important to an ML Specialist role. These skills help them to stand out among others.

The skills are listed below:

- You must know how to work on Analytics tools

- Statistical and Programming Skills

- Python or R or SQL are a few programming skills which are a must to have for a Data Scientist's role

- Should have Domain Knowledge

- You must be able to visualize data with the aid of data visualization tools

- Knowledge of machine learning and artificial intelligence

- Proficiency in SAS and Tableau are also significant

- Problem Solving Skills

- You must have the ability to understand and manipulate unstructured data

Who Can Become an ML Specialist?

Business Administration Professionals

Operations are business as usual. Business administration professionals can be ML Specialists after considerable experience in how the organizational system works.

Engineers

Engineers world over are regarded for their problem solving and analytical skills. Engineers would who like to trade a different path after a considerable tenure in tech side can be ML Specialists.

Information Technology Professionals

Those who have an in-depth understanding of how information technology works can join business analytics. Information technology is an important facet of Machine Learning

Finance Professionals

ML is a great transition for finance and accounts professionals. Finance professionals having an understanding of the organizational environment and decision-making can ML Specialist.

Human Resource Professionals

HR professionals should learn ML to bring in authenticity of data in their people decision making. ML is an upcoming natural progression for HR professionals.

Marketing Professionals

Marketing professionals identify the strategies and techniques used to attract customers. ML is extremely for Marketing professionals.

Who Hires an ML SPECIALIST?

Seasoned ML Specialists are in huge demand all across the globe.

TOP 14 SECTORS THAT HIRE ML SPECIALISTS

Banking and Securities	Health Care	Search Engines	Social Media
Manufacturing	Media	Education	Insurance
E-Commerce	Consumer Trade	Energy	Transportation
Sports	Mining & Resources		

Top 20 Companies That Hire ML Specialists:

Adobe, Amazon, Apple, Cisco, Facebook, Google, HCL, IBM, Infosys, Intel, J.P Morgan, Citi Bank, American Express, TCS, Accenture, EY, Evalueserve, Barclays, Mahindra, BACI

Typical Salary Range of an ML Specialist

As per the survey report by Forbes, in 2017, there was a scarcity of 1.5 million ML Specialists. Here are the salary projections for BI analysts for India.

Entry - Level (0 – 3 YEARS)   5 – 11 Lacs

Mid - Level (3 – 5 YEARS)   9 – 22 Lacs

How to Future Proof Your Career

Virtually every sector in today's economy has evolved to become more data-driven. Finance, marketing, retail, education, government, healthcare, agriculture... the list goes on and on. Machine learning—the most prominent technology that uses all of that data—has already become intertwined with our daily lives... and the trend's not slowing down anytime soon.

As a result, data science and machine learning have become high-income skills that are in heavy demand right now in the marketplace. It's plain to see. According to Indeed.com, the average data scientist salary in the U.S. is over $128,000 per year... one of the highest among all career paths.

But while there's a "gold rush" of opportunities right now for people who possess these skills...

...what's the best way to actually acquire them?

No, we're not talking about simply learning these topics—which you can do from watching some YouTube videos—but actually acquiring the professional-level skills that employers pay top dollar for... the skills that can open doors to exciting opportunities and take your career to the next level.

The #1 Obstacle: Information Overload

From textbooks to university lectures to MOOCs to $15,000 bootcamps... you certainly don't lack options. The biggest obstacle to breaking into this field is NOT finding information about data science. The biggest obstacle is sifting through all of the information out there.

Time is money, and you've only got 24 hours in day.

Unfortunately, most data science and machine learning courses feel like a "laundry list" of topics: Ok first we've got gradient descent... then we'll move onto linear regression... next let's talk about logistic regression... and then decision trees... don't forget SVMs... oh, and of course random forests... and so on.

This type of scattered, piecemeal approach is an easy way to teach the subject, but it's not very effective for students seeking practical skills. In reality, all it does is overload you with theory and jargon right out of the gate. It assumes you have all the time in the world to "piece things together" for yourself and figure out how to apply these concepts to create actual business value.

Plus, while all of those algorithm names might sound fancy, they're just one piece of the puzzle. When you tunnel-vision on individual algorithms, you're completely neglecting vital steps such as exploratory analysis, data cleaning, and feature engineering... which are essential for the messy data you find in the real world.

How to Cut the Learning Curve in Half

Think back to when you were a child. Did you learn all of your vocabulary one word at time?

Of course not. For example, in India., the average three-year old child can recognize about 1,000 words. Just two years later, by the age of five, the average child will be able to recognize about 10,000 words. That's 10X their vocabulary from just two years ago.

Did all of those children open the dictionary and memorize 9,000 words from the ages of three to five?

No way. As children, we were able to build up a large vocabulary quickly and naturally. We read books, watched TV, and listened to our parents speak. Our brains could work behind-the-scenes to rapidly connect the dots based on what was going on around us at the same time. We were learning all of those new words in context.

(Interestingly... that's similar to how machine learning works under the hood as well. Instead of explicitly programming all of the instructions to the computer, you allow the computer to find patterns and make connections based on the data and its context.)

Well, guess what? You can tap into this exact same mechanism of learning in context to dramatically cut the learning curve for data science and machine learning. When you learn in context, you're also developing practical skills that you can use in your career because you're seeing exactly how each piece fits into the big picture.

Master Machine Learning in Context

The #1 way to learn machine learning in context is to complete realistic, end-to-end projects at the same time as you learn new concepts. Instead of learning each new concept in isolation, one at a time, you'll get to see how everything works together to create business value.

That means:

Using a real-world dataset that has NOT already been cleaned for you..

Picking a real-world objective that is NOT trivial...

And then going through the entire machine learning workflow from start to finish...

When you tackle end-to-end projects, you'll hit all of the core steps, including data exploration, data cleaning, feature engineering, algorithm selection, and model training. Concepts will click faster for you as your brain works behind-the-scenes to connect all the dots.

Introducing: The Machine Learning Fast Track

Since launching, our articles, guides, and tutorials have reached over two million readers from over 180 countries around the world. We've also directly helped thousands of students break into this field through our flagship online course: The Machine Learning Fast Track.

This beginner course is built upon the simple philosophy of learning in context, and it has already undergone three major evolutions and dozens of updates since launch. We've perfected a unique curriculum that is 100% laser-focused on practical skills.

- You will **NOT** sit through lengthy lectures…
- You will **NOT** be given hours of supplemental textbook reading…
- You will **NOT** feel lost or frustrated by not knowing how all the moving pieces fit together…

Instead, we take you through multiple end-to-end projects that will directly teach you how to create business value with data science and machine learning. Along the way, you'll learn (in context) all of the important theoretical concepts and tools you'll need to get started in this field.

This course takes you through the complete beginner-to-practitioner journey, and it's fully self-contained. We designed it to be the only course you'll need to get started in this field. That means it will work for you even if you don't have a math background and even if you've never written a single line of code before in your life.

Most importantly, through this professional-level course, you WILL acquire high-income skills that can take your career to the next level.

Innovative Project-Centric Training

The Machine Learning Fast Track by DECODR features innovative project-centric training that makes it easy to stay on track and achieve your goals.

Build Unstoppable Momentum

You'll find it easy to build momentum, stay motivated, and follow through to the end thanks to engaging Cornerstone Projects with real-world datasets. Each project adds a major "cornerstone skill" to your arsenal, ranging from Python Programming to Supervised Machine Learning.

Skip the Traditional Classroom

You will NOT find any dense, math-heavy theoretical lectures. This is a course taught by practitioners… NOT by academics. Instead, you'll learn industry best practices with concise explainer videos, hands-on coding sections, carefully-crafted exercises, and practical advice.

Program Details

All the training is carefully weaved into five comprehensive cornerstone projects. The course can be completed with 5-8 hours of commitment per week over eight weeks. You can go at your own pace thanks to lifetime access & support.

Master Essential Concepts (in Context)

The Machine Learning Fast Track covers every cornerstone concept you'll need to get started in this field, beginning with the big picture.

The Big Picture Start with the big picture so that you'll never "miss the forest for the trees."	**Supervised Learning** Learn how to predict the future by building models with data from the past.	**Unsupervised Learning** "Tame the chaos" in the realm of open-ended blue-ocean problems.
Model Complexity Watch the elegant dance between model performance and complexity.	**Regularization** Discover versatile and powerful tools for training high-performing models.	**Ensemble Methods** Learn the mechanics of behind "ensembling" to boost performance.

Develop In-Demand, High-Income Skills

The Machine Learning Fast Track is 100% laser-focused on teaching you practical skills that can take your career to the next level.

Python for Data Science Pick up essential Python programming skills needed for data science.	**Exploratory Analysis** Practice scouting ahead, plotting charts, and extracting useful insights.	**Data Cleaning** Learn a simple yet robust framework for reliable data cleaning.
Feature Engineering Discover how to add tremendous value by incorporating domain expertise.	**Algorithm Selection** Select, implement, and tune ML algorithms that are working right now.	**Model Training** Master a proven blueprint for training high-performance predictive models.

Program Details

Gain the Confidence to Tackle Any Challenge

You'll become a well-rounded data scientist as you complete end-to-end projects that cover plenty of supplemental skills.

Data Wrangling

Gain the ability to tackle a broader range of problems by restructuring datasets.

Pre-processing Pipelines

Learn how to implement multi-step data pre-processing pipelines.

Project Delivery

Package your models into scripts that can be integrated or run on the cloud.

Dimensionality Reduction

Use feature selection and PCA to break the "curse of dimensionality."

Data Visualization

Practice plotting simple, informative, and beautiful visualizations.

And Much More

Classification thresholds, advanced metrics, imbalanced classes, and more.

Build an Eye-Catching Portfolio

Finally, you'll build a personal capstone project that will supercharge your portfolio and open doors to incredible opportunities.

The Capstone Project

Explore what interests you and build an impressive capstone project.

Planning & Execution

Learn how to plan your own projects and execute with confidence.

Showcasing Your Work

Host your project online so that it can open career opportunities for you.

DATASETS & PROJECTS

Exploratory Data Analysis	General Machine Learning
Cloud Based Machine Learning	Time Series Analysis
Recommender Systems	Specific Industry Based Project
Web Scraping	Current Events

12- MONTH PERFORMANCE GUARANTEE

Enjoy true peace of mind and zero risk

Go through the training in the Business Intelligence Career Track and complete all of the projects inside. If you are unable to master the applied BI workflow and develop high performing dashboards and reports, simply email your completed workbooks from the program to support@decodr.com for a full refund.

30 DAY-REFUND GUARANTEE

Get a full refund at any time within 30 days of enrolling. No reason required.

Simply email your completed workbooks from the program to support@decodr.com for a full refund.

PLACEMENT ASSISTANCE

Apart from technical training in various software & hands-on project work, DECODR helps you get a foothold in the booming Data Science domain.

Job Placement Assistance* - When a student completes his/ her course successfully, DECODR's Placement Cell helps him/ her interview with major companies like TCS, Capgemini, Datamatics, Blue Dart, Citibank, Airtel, etc.

INTERVIEW PREP KIT

Land Your Dream Job in Data Science / Machine Learning

The Machine Learning Interview Prep Kit is a step-by-step system that prepares you to land a high-paying job in the domain of Data Science/ Machine Learning.

You will learn how to navigate the competitive interview process with as little stress and uncertainty as possible.

Machine Learning Interview Process

You see, many top companies have adopted a standard process that includes 3 rounds of interviews:

Round #1 - Initial Phone Screen. Typically, an interview with HR about your background, plus basic concept questions for Machine Learning.

Round #2 - Take-Home Challenge. Take-home data challenge that can have multiple objectives and must be completed within a given time limit.

Round #3 - Onsite "Super Day." A series of case questions, technical questions, and behavioural questions.

If you had the right tools—such as a QUESTION BANK of concept questions to expect, realistic PRACTICE CHALLENGES that will ensure you ace the take-home challenge, INSIDER TIPS from people who have sat on both sides of the table, and a step-by-step SYSTEM to make sure nothing slips through the cracks—wouldn't this process be manageable?

So, let's equip you with those tools:

The Interview Prep Kit of Decodr is a **Comprehensive, Step-by-Step System** for Acing the **MACHINE LEARNING** Interviews and Landing Your Dream Job

Practical Advice from Machine Learning Experts

Get insider tips from people who have sat on both sides of the interview table.

Give yourself the best chance for success with straight-shooting, down-to-earth tips from professional ML Specialists.

Concept Question Bank & Answers

Gear up for the concept questions with 121 Machine Learning questions compiled from top start-ups, tech giants, and Fortune 500 corporations.

These will serve as guideposts for your review, and sample answers are included for ALL questions.

Take-Home Challenges & Solutions

Each of the practice, examples, projects & challenges includes the full dataset, a detailed introduction to its business context, multiple realistic objectives, and a replicable solution script.

Bonus: The Behavioural Interview

Many candidates overlook the behavioural interview and only focus on technical skills, but cultural fit is often just as important (if not more).

We've got you covered with a complete guide to crushing the behavioural interview and making a lasting impression.

They span across the breadth of the most common analytics applications.

How Does It Work?

Step #1: Start Early: First, we'll take you through an overall of the complete process so that you know exactly what to expect and how to prepare.

Step #2: Practice: Practice and master a comprehensive range of take-home challenges and SQL puzzles that will ensure you're in tip-top shape.

Step #3: Review: Go through a large, hand-picked question bank to review key concepts and discover any gaps in your knowledge.

Step #4: Apply: Apply to competitive, high-paying jobs with the full confidence that YOU will be able to stand out and demonstrate your skills.

Step #5: Succeed: Land your dream job in data science or machine learning and kickstart your career in one of the fastest growing fields.

Plus: Lifetime Access: Changing jobs again in the future and need to brush up on your knowledge? No problem. You'll get lifetime access.

Leverage LinkedIn with Sam Baisla

Build a Successful Personal Brand and Grow your Network

Grow your influence on World's Largest Professional Network.

This Program Includes

- Goals & Objectives setting for your Personal Branding
- Keyword research to keep your profile relevant
- Building a Compelling LinkedIn Profile
- Regular Improvements and Updations for four months
- Free Online Coaching Sessions for four months
- 7 Days training on LinkedIn Marketing
- Community membership to learn from each other

Program Outline

Define your target audience: Who are you trying to reach out to? And why should they care? We help you address these questions so that your efforts are focused and result-driven.

Define your Brand: Helping you identify your expertise and uniqueness. Then doing the keyword research to highlight your promise. So that you are found for the right keywords by the right people.

Creating your LinkedIn Profile: Your LinkedIn profile is the pillar of your brand. We will write your Profile Headline, Summary, and other details to ensure maximum visibility.

Periodic review to monitor your growth: We review/follow your profile every two weeks for profile views, search appearances, keywords you are being found for, and people who are searching for you. Making necessary changes to ensure you are reaching your target audience, and they see the right picture about you.

Online training videos: Once you are set for the right impression, every two weeks, we will share online training videos covering topics on content, reaching out, and growth hacks.

One to one coaching and mentoring: You can reach out to the mentor anytime for help. One to one discussions and coaching will ensure you are helped and growing.

Community to share best practices and learn: You will be part of our online community, where members share insights and experiences helping each other grow. Not only will you learn but also build meaningful relationships.

CERTIFICATION

DECODR TECHNOLOGIES

CERTIFICATE OF COMPLETION

This certificate is hereby bestowed upon

John DOE

For completing Machine Learning Career Track Program
on 11th June 2019

This activity was awarded by:

Anirban Chakraborty

President Director

Sam Baisla

Coordinator

ADVISORY BOARDS MEMBERS

Anil Chhikara

Executive Chairman, ZookEV | CEO, BlueBolt Startup Factory | Chairman, Startup India Foundation | Partner

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COO@Dineout | Previously Head-HR@Times Internet Ltd.I Co-Founder of 2 successful technology startups | Angel Investor

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Disclaimer: All programs are offered on a non-credit basis and are not transferable to a degree.