

# Welcome to CoachX.Live

---

Your Live Learning partner



# Introduction Of Coachx.Live

CoachX.Live is a leading online learning platform that offers various live learning programs which are highly in demand. Learn modern age skills in a 100% live learning mode directly from Industry Experts.

# Trainer Introduction



## About Me

Introduction about me



## Total Training Experience

Total trainings so far and total training experience



## Skills

Skills I know to teach



## Certifications

Certified trainer in different modules.



# A QUICK QUESTION?

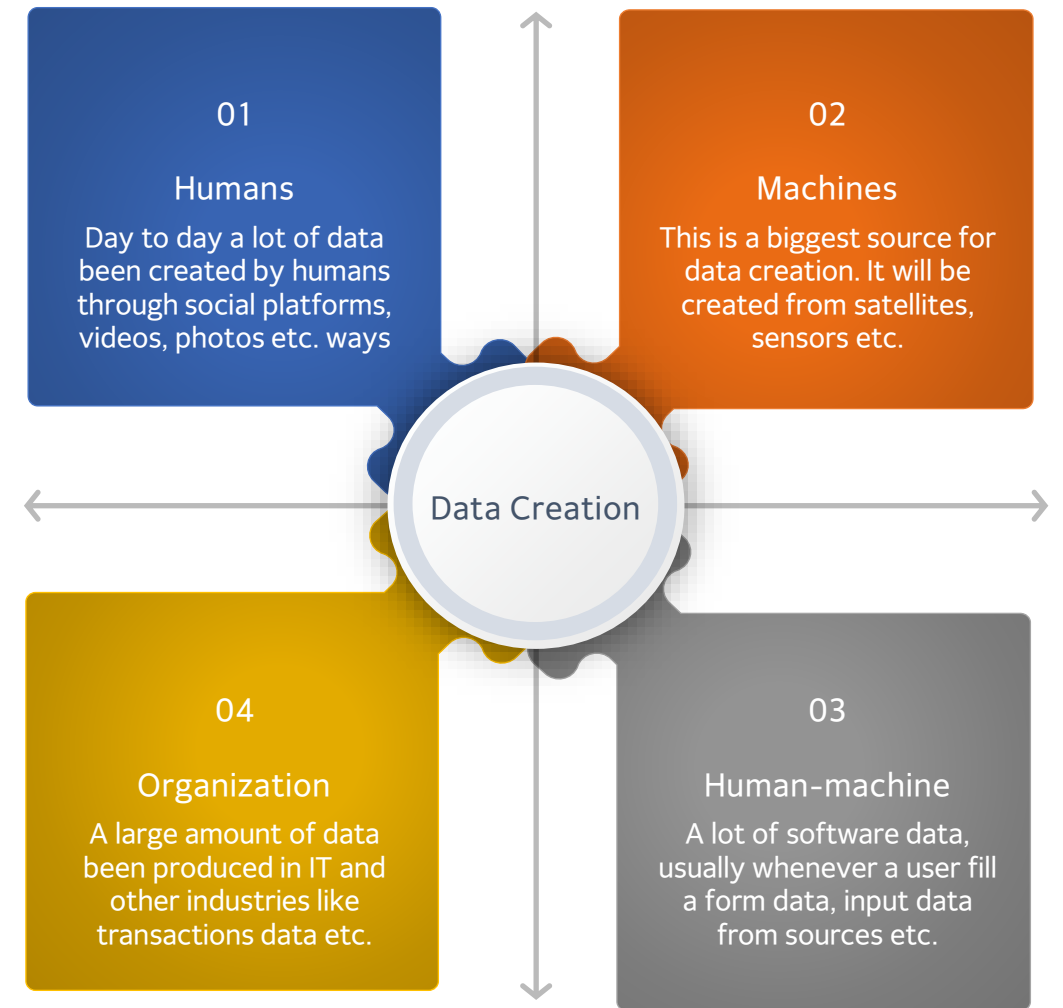
---

Have you ever worked on Data?



# How is Data created?

In general, data will be created everywhere, and data Creation offers technical and practical advantages over traditional data collection techniques.



# Data creation strategy

With a Data Creation strategy in place, data engineers and analysts can shift-left the complexity of ETL and guarantee that all data—from creation, enrichment, modeling, and within the data warehouse—conforms and evolves with the business.



Data Creation offers technical and practical advantages over traditional data collection techniques.

Creates behavioral data applications uniquely descriptive of your business	Evolves schemas over time	Defines security, removes bias, and ensures data sovereignty and first-party data compliance end-to-end	Enriches in real time, retroactively, or in batch using Data Creation pipelines	Requires significant validation when aggregated	Maintains organizational trust in data
--	---------------------------	---	---	---	--

# What is Data and why Data is important

Data is everywhere, every industry and everywhere data is must, and it is key to make a few business decisions. Data is a collection of facts, such as numbers, words, measurements, observations or just descriptions of things.  
Qualitative vs Quantitative.

## Insights

Companies require these insights in order to make business decisions



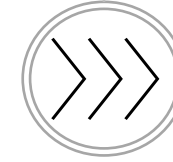
## Problems

Data can help to understand effective solutions to the problems



## Process

Data will make improvement in the process for the business owners



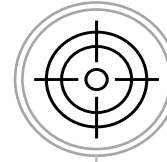
## Understand

Companies will understand their consumers according to the data available



## Strategy

Data provides effective ways to analysis and to work strategic approach at organization level



## Benchmarks

Data can help to keep track and create benchmark & milestones for companies





## How much data been created Daily?

The above data includes captured, newly generated etc. Daily in total 328.77M terabytes data been created from different sources like government, Organizations, Social etc. sources data is been created.



# What all Roles are available in Data Field?

Business Analyst	Data Analyst	Business Intelligence (BI) Developer	Big Data Engineer/Data Architect
Business Intelligence Analyst	Statistician	Data Scientist	Computer Vision(CV) Engineer
Natural Language Processing(NLP) Engineer	MLOps Engineer	Data Engineers	Machine Learning Engineer
Data and Analytics Manager	Data Storyteller	Machine Learning Scientist	Database Administrator



# What are the Skills are required in Data Field?

## Technical Skills for a Data Field Career:-

- Excel
- SQL
- Mathematics, Statistical Analysis, and Probability
- Data Mining
- Machine Learning and AI
- Familiarity With Hadoop
- Data Visualization
- Business Strategy
- Cloud Computing
- Python or R

# What we Offer



DATA SCIENCE



DATA ANALYST



BUSINESS ANALYST



AWS CLOUD  
PRACTITIONER



DATA VISUALIZATION  
WITH POWER BI AND  
TABLEAU

# Difference between DS v/s DA v/s BI

- What do data analysts do?
  - Data analysts gather, clean, analyze, visualize, and present existing data to help inform business decisions. An effective data analyst uses data to answer a question and empower decision makers to plot the best course of action. Common tasks for a data analyst might include:
  - Working with business leaders and stakeholders to define a problem or business need
  - Identifying and sourcing data
  - Cleaning and preparing data for analysis
  - Analyzing data for patterns and trends
  - Visualizing data to make it easier to understand
  - Presenting data in such a way that it tells a compelling story

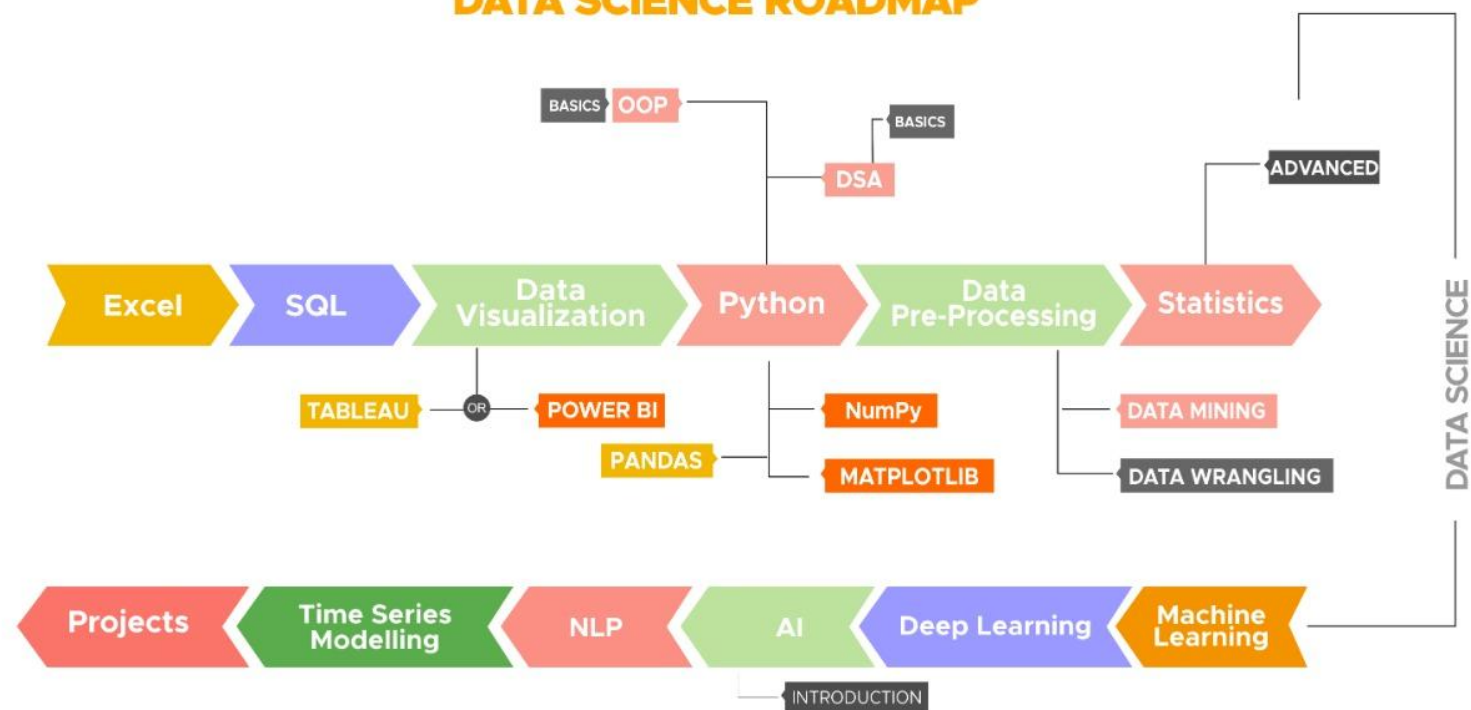
# Business Analyst

- Business analysts help identify problems, opportunities, and solutions for their organizations. They do this by:
- Evaluating a company's current functions and IT structures
- Reviewing processes and interviewing team members to identify areas for improvement
- Presenting findings and recommendations to management and other key stakeholders
- Creating visuals and financial models to support business decisions
- Training and coaching staff in new systems

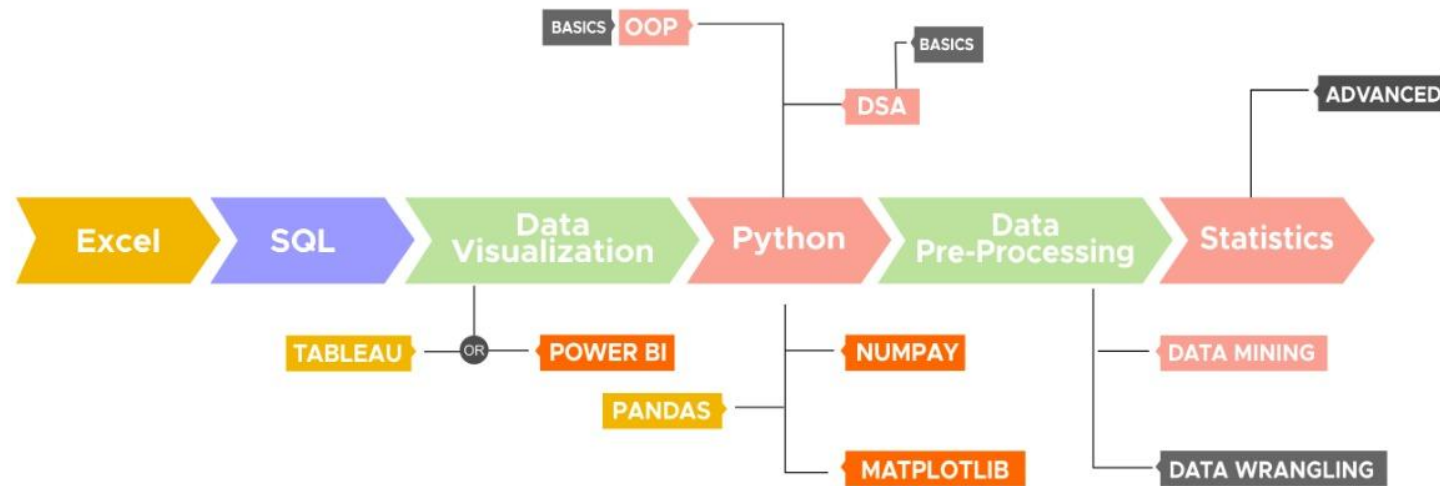
# What do Data Scientists do?

- The basic responsibilities of a data scientist include the following activities:
- gathering and preparing relevant data to use in analytics applications;
- using various types of analytics tools to detect patterns, trends and relationships in data sets;
- developing statistical and predictive models to run against the data sets; and
- creating data visualizations, dashboards and reports to communicate their findings.

## DATA SCIENCE ROADMAP

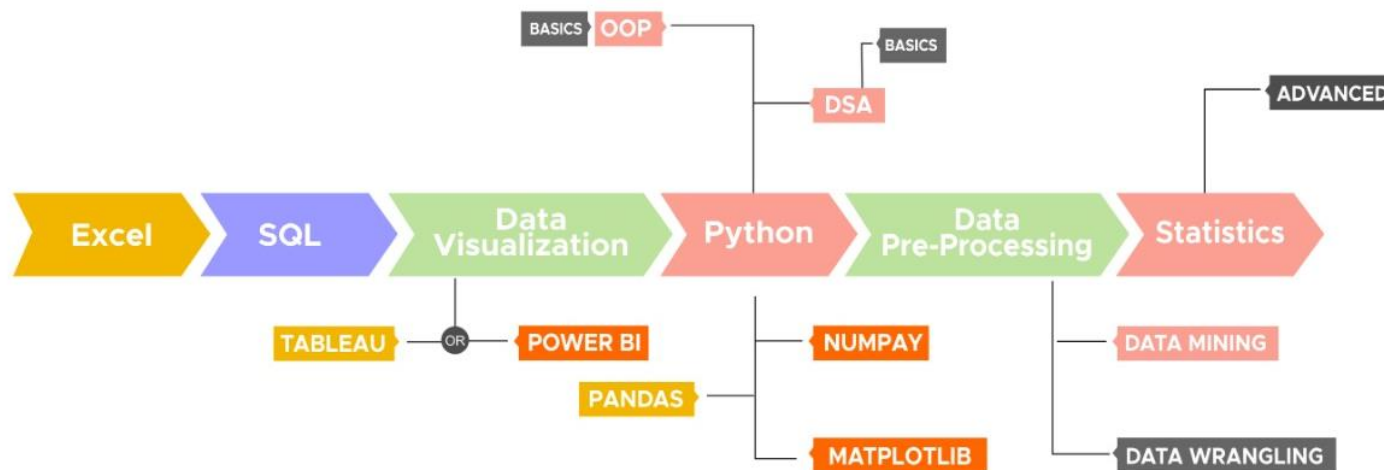


# Roadmap of Data Science



# Roadmap of Data Analyst





# Roadmap of Business Analyst

# Why Python Why not R



Python is a multi-purpose language, much like C++ and Java, with a readable syntax that's easy to learn. Programmers use Python to delve into data analysis or use machine learning in scalable production environments. For example, you might use Python to build face recognition into your mobile API or for developing a machine learning application.



R, on the other hand, is built by statisticians and leans heavily into statistical models and specialized analytics. Data scientists use R for deep statistical analysis, supported by just a few lines of code and beautiful data visualizations. For example, you might use R for customer behavior analysis or genomics research.

# Day to Day Responsibility of Data Analyst



Gathering data



Cleaning data



Processing data



Producing reports



Spotting patterns



Collaborating with  
others and setting up  
infrastructure



# Day to Day Responsibility of Data Science



- Pulling data
- Merging data
- Analyzing data
- Looking for patterns or trends
- Using a wide variety of tools, including R, Tableau, Python, MATLAB, Hive, Impala, Excel, Hadoop , SQL, and/or SAS
- Developing and testing new algorithms
- Trying to simplify data problems
- Developing predictive models
- Building data visualizations
- Writing up results to share with others
- Pulling together proofs of concepts.

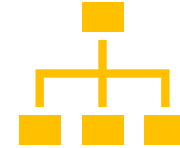
# Day to Day Responsibility of Business Analyst



Collaborating with the Product Owner to manage the product backlog ("Day Two" delivery)



Collaborating with the Project Manager to manage stakeholder expectations and solution/document timescales



Business requirements elicitation, documentation, and management (user story development)



Stakeholder relationship building and management (operations, tech, project team, etc.)



Requirements and documentation traceability (Jira/Confluence, Business Requirement Document)



Technical documentation production and management (process modeling, test scripts, solution document, etc.)

# Career Opportunities and Salaries in Data Science

## Average Data Scientist, IT Salary in India

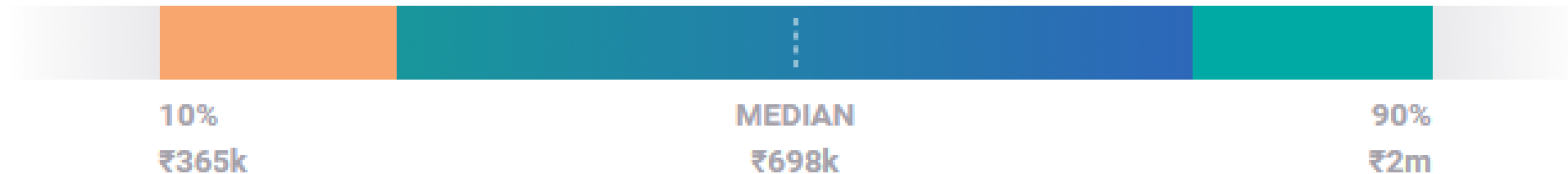
₹698,413

Avg. Salary [Show Hourly Rate](#)

₹60,678  
BONUS

₹35,000  
PROFIT SHARING

The average salary for a Data Scientist, IT in India is ₹698,413.



# Data Engineer

## Average Data Engineer Salary in India

₹843,140

Avg. Salary [Show Hourly Rate](#)

₹97,589  
BONUS

₹275,000  
COMMISSION

₹75,000  
PROFIT SHARING

The average salary for a Data Engineer in India is ₹843,140.



## Data Analyst

### Average Data Analyst Salary in India

₹424,414

Avg. Salary [Show Hourly Rate](#)

₹49,288

BONUS

₹19,487

COMMISSION

₹19,878

PROFIT SHARING

The average salary for a Data Analyst in India is ₹424,414.





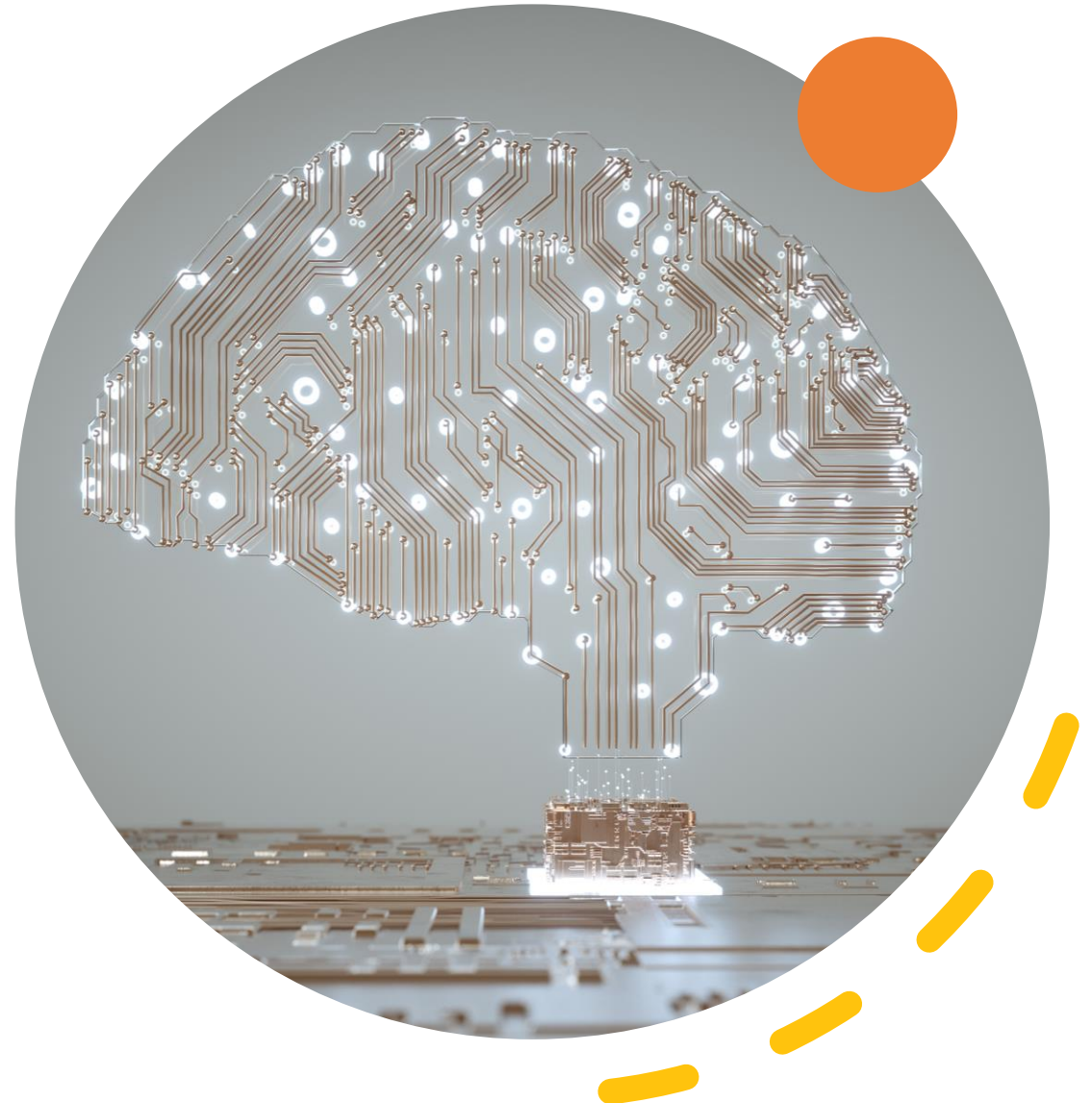
# Why there is a demand of Data Analysts?

- In 2022, more than half of all businesses around the globe view data analytics as a core component of their operations.
- **With the ever-increasing amount of data being created**, the need for qualified Data Analysts to analyze it is at an all-time high and will likely continue to increase in the coming years.

# Why there is a demand of Data Scientists?

Data science demand is growing because it **represents the future of commercial decision-making**. There's a significant need, but this has only raised the demand for skilled data scientists. However, many individuals focus on only acquiring the skills to enter the sector because of the rising demand

- The importance of data science is based on the ability to take existing data that is not necessarily useful on its own and combine it with other data points to generate insights an organization can use to learn more about its customers and audience



# Why there is a demand of Business Analysts?

- A Business Analyst acts as the bridge between business ideas and business capabilities. They play an incredibly important role as **they help to decipher the future of businesses, by identifying, creating and scoping valuable changes and enhancements to business processes.**
- A business analyst can be employed in a wide range of industries, including healthcare, education, finance, retail, and hospitality. The demand for Business Analysts has increased due to **the need for good analytical skills in almost all industries.**



# Which Companies hire these Data Analyst Experts?

## Popular Employer Salaries for Data Analyst



# Which companies hire these Data Scientist Experts?

1. IBM Corp
2. Accenture
3. JP Morgan Chase and Co
4. American Express
5. McKinsey and Company
6. Impetus
7. Wipro Technology
8. Mu Sigma Analytics
9. Fractal Analytics
10. Manthan
11. Latent View
12. Tiger Analytics
13. Absolut data
14. Convergytics
15. UST Global
16. Cartesian Consulting
17. BRIDGEi2i





# Why CoachX.Live?



## Learn Relevant Skills & Advance Your Career

With live coaching, assessments, learning paths & courses authored by industry experts, our platform helps individuals build expertise in chosen paths without any barriers & achieve their career goals.



## Earn A Certificate & Enhance Your Credibility

Get a signed certificate to acknowledge the course completion, which you can easily share on your social media handles & even add to your resumes. Earn a certificate today & stand out among your peers.



## Learn Live & Join Our Community Of Learners

Through Live online classes we wish to bring our students in the best of both worlds where you can interact with classmates, ask the trainer questions, & enjoy the social aspect of being with peers, making learning seamless.



## Learn From The Experts & Enrich Your Life

At CoachX.Live, we bring you, trainers who are experts in their fields, you can be certain when you are buying courses that our Coaches will help you master the skills to enhance your professional growth.



## Recordings

At CoachX.Live, we provide all recordings of live sessions will be available for you, for you to revise the concepts and recover the missed sessions. Access valid for two years



## Doubt Clearing Sessions

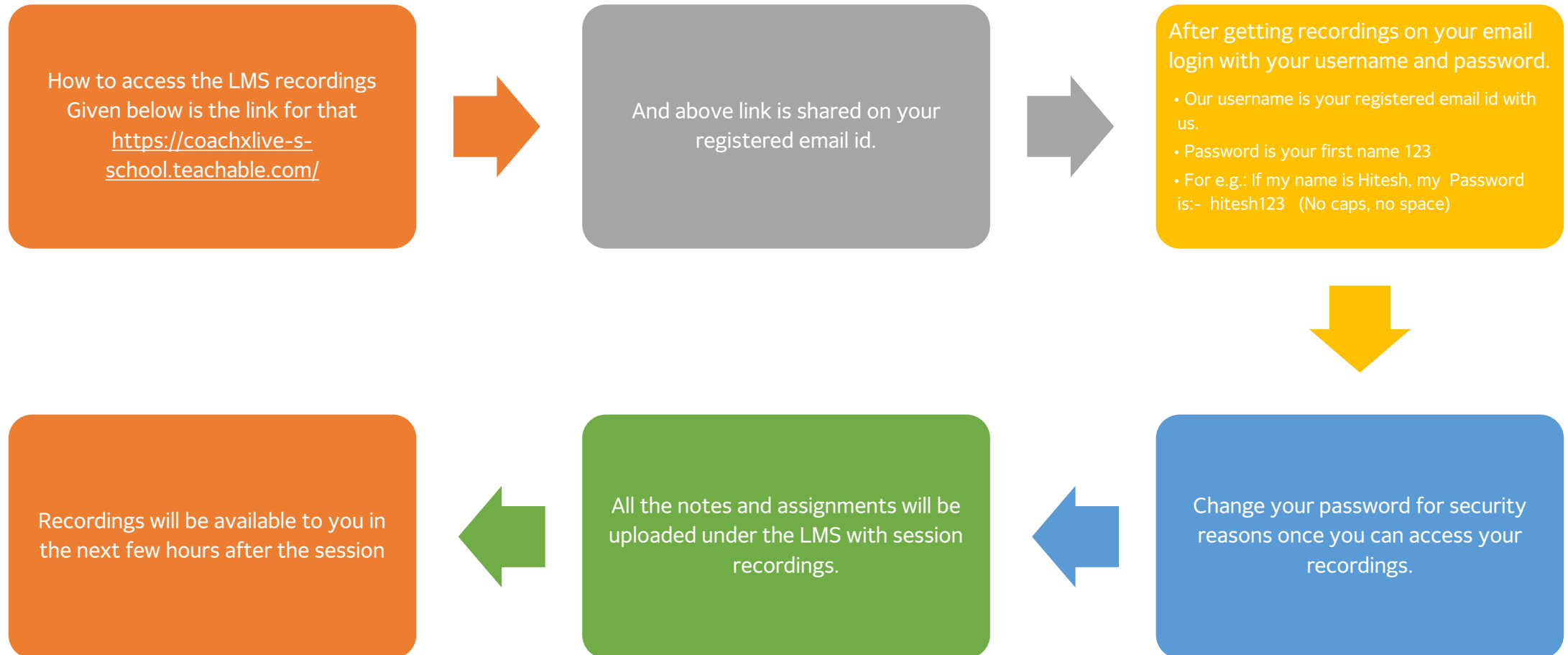
You never need to shy away and sit back with your doubts, get it cleared in daily doubt solving sessions, Monday to Friday 8PM to 9-15 PM.

This is open session for all CoachX students, you can join and ask your doubts.

# LMS Overview

- What is LMS?
  - A learning management system (LMS) is a software application or web-based technology used to plan, implement and assess a specific learning process. It is used for eLearning practices and, in its most common form, consists of two elements: a server that performs the base functionality and a user interface that is operated by instructors, students, and administrators.
- CoachX.Live having it's LMS called as teachable.com

# How to Access the LMS





## Regular Session on Weekends

Days	Timings	No of Hours
Saturday, Sunday Batch	Morning: 7:30 AM to 10:00 AM	2.5 hours
Saturday, Sunday Batch	Evening: 7:30 PM to 10:00 PM	2.5 hours

# Doubt Solving Sessions

---

- We all have dedicated Doubt-Solving Sessions for all your doubts
- Session timing will be 8 PM to 9.15 PM
- Don't sit back with your doubts



# How To Submit Your Assignment



Kindly upload your assignment/project work using the below link– Google Forms:



[https://docs.google.com/forms/d/e/1FAIpQLSf9BH6ezlSZ8ejGRQ-WdonxKSSxQqqw6ow5sm-0dV\\_oUsEBvQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLSf9BH6ezlSZ8ejGRQ-WdonxKSSxQqqw6ow5sm-0dV_oUsEBvQ/viewform)

# Community Telegram group

---

- We believe in helping each other being in co-learning environment and making others to win all together for success.
- Your virtual classroom exists in Telegram, you can interact, ask queries, can get announcements, doubts solved by your teachers and the peer learners within community.



# Why Telegram why not WhatsApp?

Telegram offers limitless storage. That means all the text messages, media files & documents of the users will be saved on the cloud. Users can log in and log out multiple times from several devices simultaneously without the fear of losing their data.

TELEGRAM VERSUS WHATSAPP	
COMPARISON OF 2 MESSENGERS	
© TELEGRAMTRENDS.COM	
Launched in 2013	Launched in 2009
File Sharing Upto 1.5 GB	File Sharing Upto only 16 MB
Maximum 200,000 Users in one Telegram Group	Maximum 256 Users in one Whatsapp Group
You can create your own CHANNELS	No Option to create CHANNELS
you can start chat with anyone if you have their Username or PHONE NUMBER	you can only start chat if you have that person's PHONE NUMBER

# GitHub Profile

---

- What is GitHub and why it is used?
- GitHub is a code hosting platform for version control and collaboration. It lets you and others work together on projects from anywhere. This tutorial teaches you GitHub essentials like repositories, branches, commits, and pull requests.

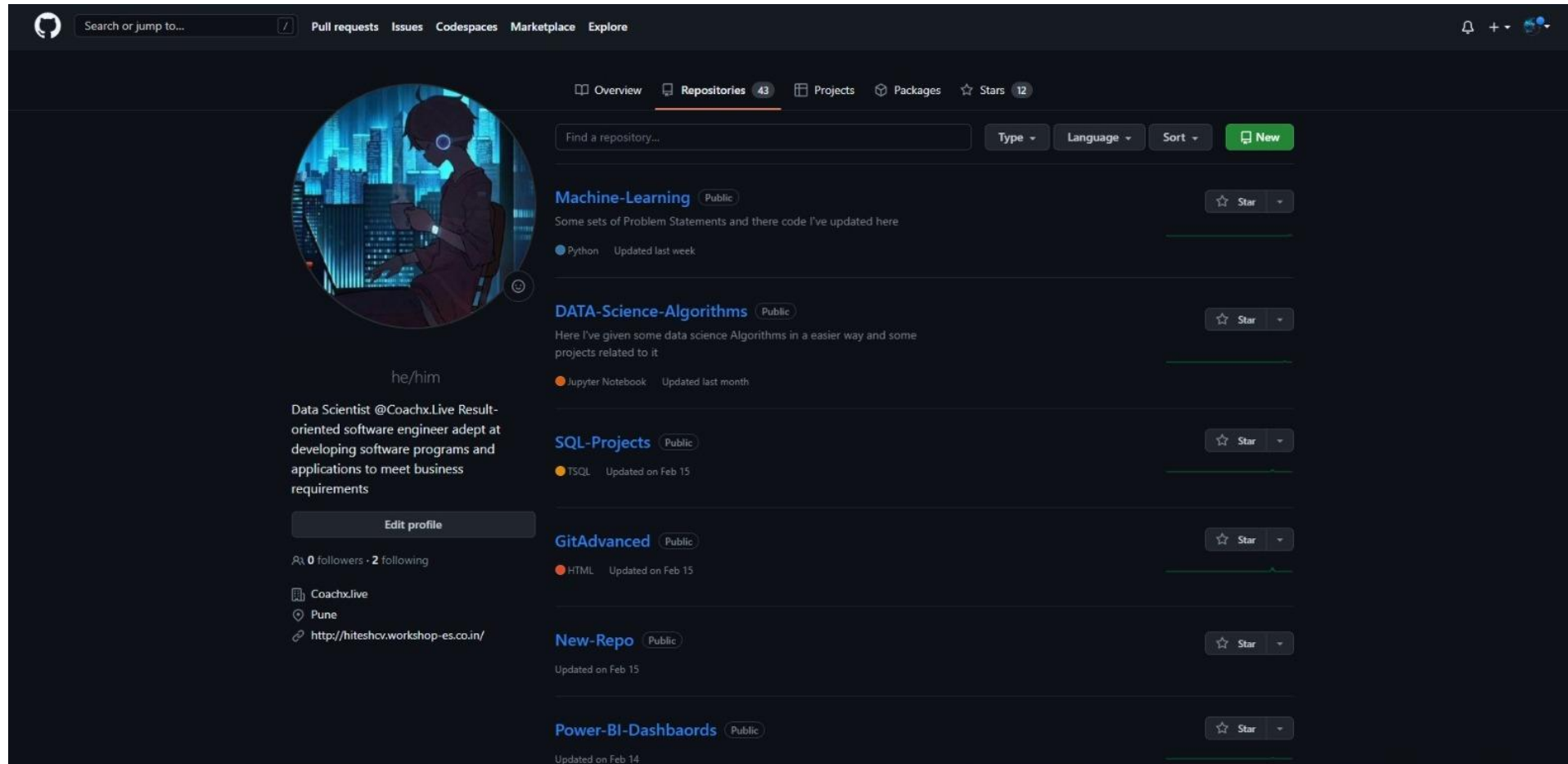




# GitHub Account

We help you to create GitHub Accounts

# GitHub Session And Its Account Making





# Capstone Projects

## 4 Live Projects for Data Analyst

Twitter Stock Market Analysis(Latest Updated Datasets)

A/B Testing

Stunning Visualizations using Altair

2 Games Building

# EDA Analysis Projects for Python

- 1) T20 World Cup 2022 Analysis
- 2) Twitter Timeline in the Stock Market Analysis
- 3) Instagram Reach Analysis
- 4) Screen Time Analysis
- 5) Google Search Analysis
- 6) iPhone Sales Analysis
- 7) Waiter Tips Analysis and Prediction
- 8) Uber Trips Analysis
- 9) Customer Personality Analysis
- 10) Netflix Data Analysis with Python

# Capstone Projects

## 4 Python Live Projects for Data Scientists

Sentiment Analysis on Amazon Review o using Flair and EDA

Classification Projects

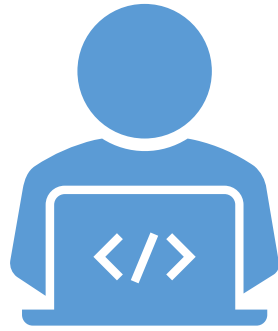
Regressions Projects

Forecasting projects based on ARIMA and SARIMA Models

NLP Projects and etc.

# Mega Projects

Any 1 project we will be working on



Management System using Python and  
SQL



COVID-19 Spread Analysis with Flask

# Placement Activities

LinkedIn making  
guidance

Resume Making  
guidance

Interview  
Preparation

Mock Interviews

Placement  
Assistance

---

# Sample Certificate



Follow Us on:



<https://www.facebook.com/coachx.live>



<https://www.instagram.com/coachx.live/>



<https://in.linkedin.com/company/coachx-live>



<https://www.youtube.com/@coachxlive>

# Welcome to CoachX.Live For Successful Career Journey With us