



PG Program in Data Analytics & Data Science

ONLINE

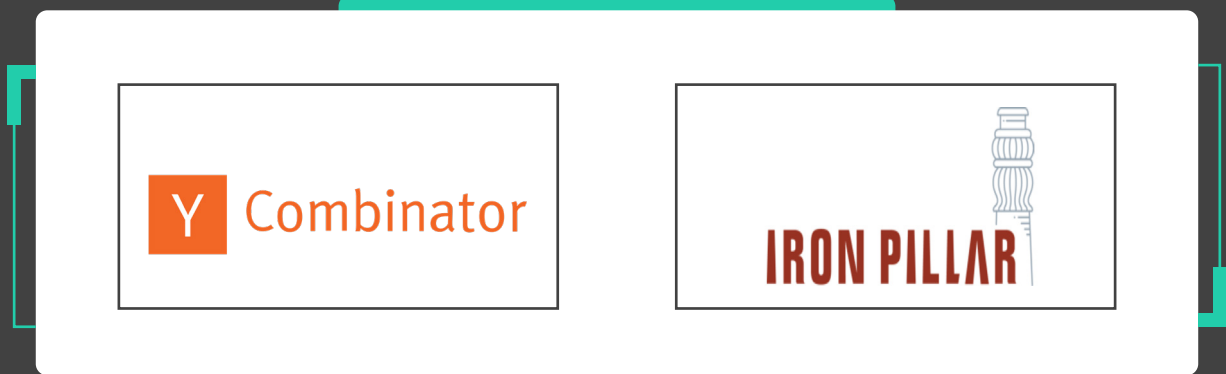


WHO ARE WE?

Skill-Lync is among India's leading edtech platforms dedicated to transforming engineering education. We equip young engineers with the latest skill sets and cutting-edge tools in new-age technologies.

The brainchild of two engineers from Chennai, Skill-Lync is on a mission to bridge the skill gap between aspiring professionals and industry's demands through job-oriented courses.

POWERED BY



LEADING COMPANIES THAT HAVE HIRED OUR STUDENTS





WHY LEARN WITH **SKILL-LYNC**?



JOB ASSISTANCE

for up to 10 interview opportunities; with technical assessments, mock interviews and resume preparation



CO-CERTIFIED BY N.S.D.C AND SKILL-LYNC



EXPERT MENTORSHIP

by domain specialists who will personally guide you with your coursework



PROJECTS FOR YOUR PORTFOLIO

that are implementations of real large-scale projects



INDUSTRY-RELEVANT CURRICULUM

drafted by subject-matter experts in the latest hardware and software tools



UNPAID INTERNSHIP

Internship opportunities (unpaid) for eligible students to build a strong portfolio



FORUM SUPPORT

for interaction with mentors & peers to get your doubts cleared



LIFETIME VIDEO ACCESS

for all lectures from Learning Management System (LMS)

[Know more about Skill-Lync](#)

[Take a look at our placements](#)



ABOUT THE PROGRAM



Duration: **Six months**



This comprehensive program on data analytics provides hands-on training in data science tools & technologies like Python, SQL etc. With 16+ industry-relevant projects, you will learn to apply machine learning techniques like regression, classification, clustering etc.

SYLLABUS

The syllabus comprises two specialisation tracks – **The Coders' Way** and **The Non-coders' Way**, with a total of **9 courses** across the two specialisations.

1. Core & Advanced Python Programming

Learn coding in Python, right from the fundamentals. This course has modules on objects and classes, NumPy, Pandas etc.

2. SQL for Data Science

Learn how to create and alter databases and tables. Practice writing queries and extract necessary information from different tables

3. Statistics & Probability for Data Sciences

Study the descriptive and inferential statistics covering both parametric and non-parametric tests

4. Introduction to Machine Learning Algorithms and their Implementation in Python

Learn how to implement a machine learning model in Python. Get introduced to scikit-learn and other associated methods, and get hands-on experience in implementing ML algorithms in Python

5. Machine Learning Fundamentals in Depth

Learn the mathematical concepts behind various machine learning algorithms

6. Advanced Deep Learning using Python

Learn how to implement deep learning algorithms in Python, and get introduced to neural networks, activation function, bias & variance and regularisation

7. Data Analysis & Visualisation using Tableau

Learn data analysis and visualisation using effective and user-friendly tools that enable you to easily build complex graphs and charts using calculated fields, including the ability to filter, sort and group data

8. Data Analysis & Visualisation using Excel

Learn basic to advanced Excel functionalities, including pivot table and VBA macros

9. Effective Dashboards using Power BI

Learn how to create interactive dashboards using Power BI tools. Also develop an understanding of advanced DAX functions and Power BI services and learn how to connect to different data sources



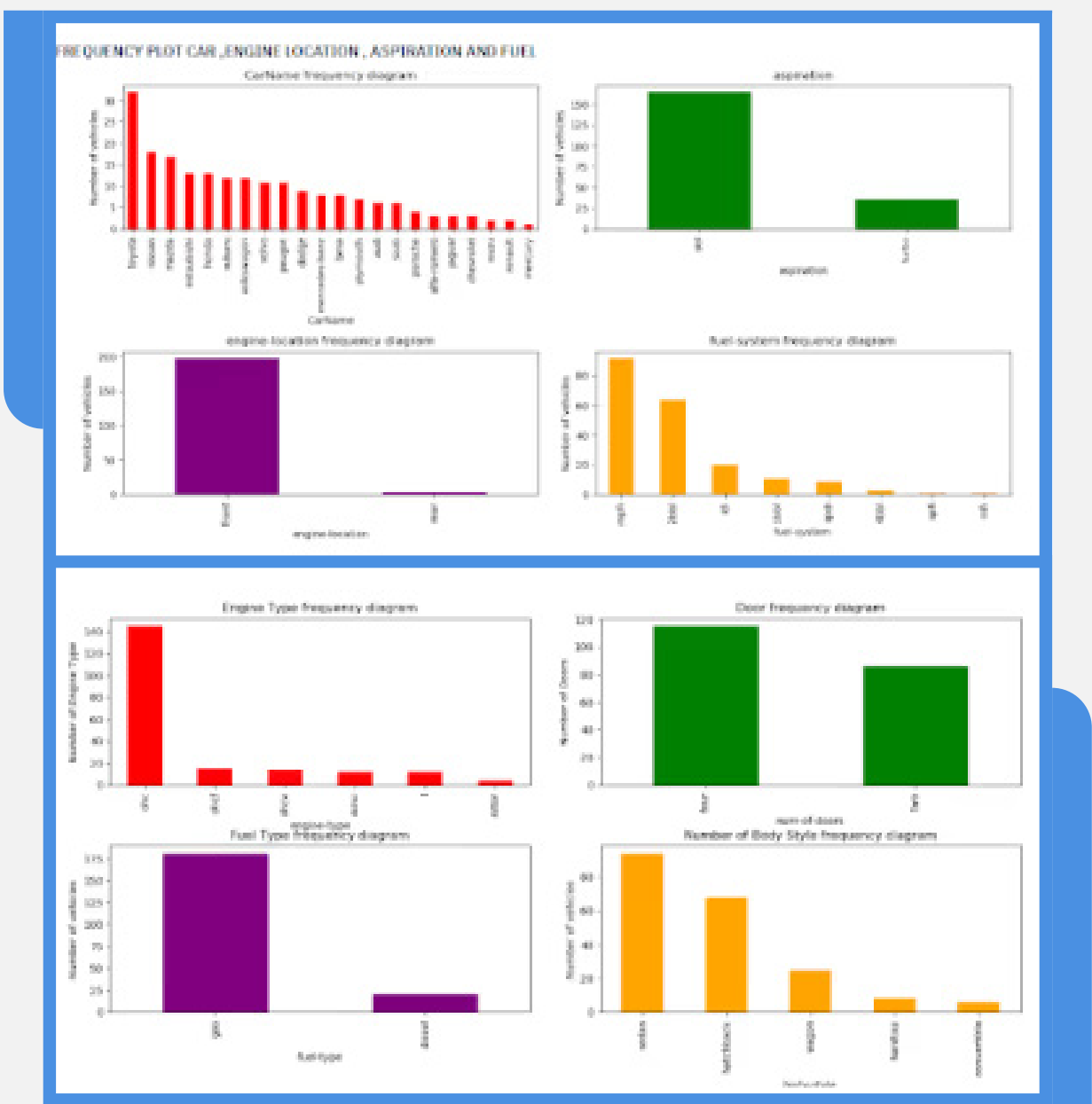
TOP PROJECTS

The syllabus is supplemented with **16+ industry-relevant projects**, a few of which are listed below:

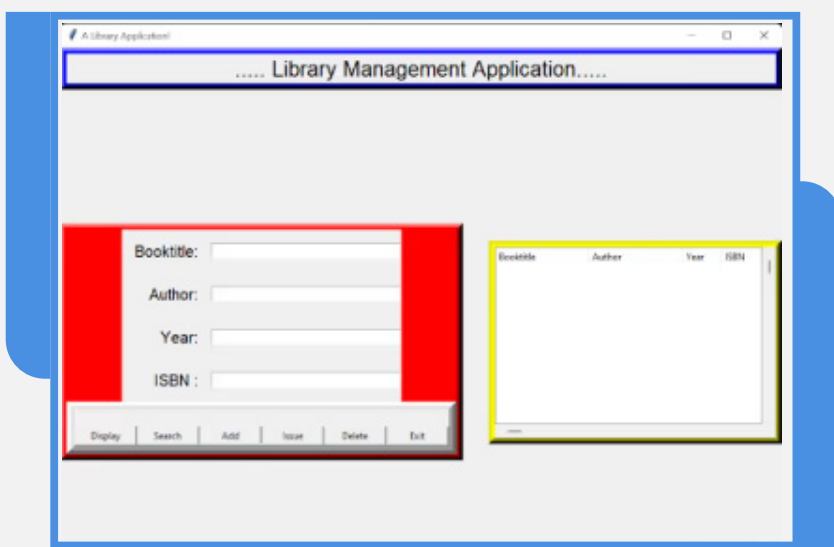
- Report creation using PowerQuery, Macro VBA, list functions, and data validation functions



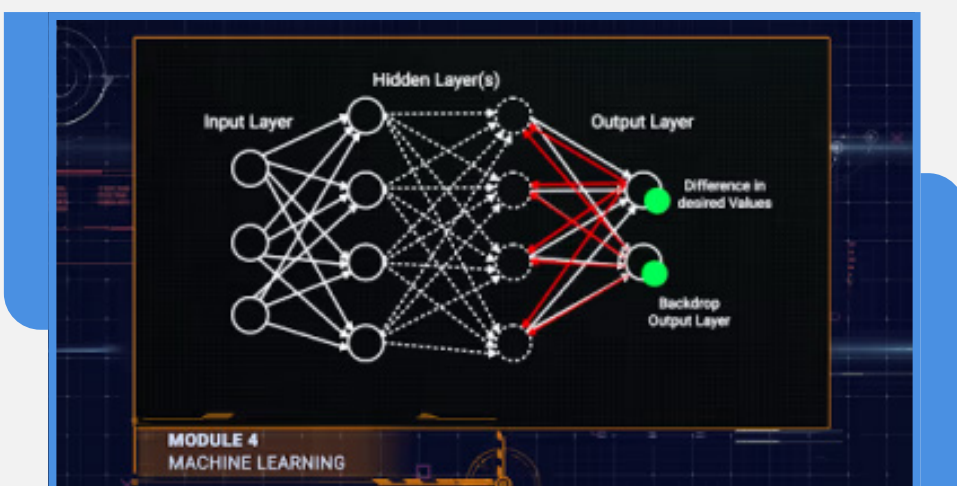
- Descriptive analysis and regression analysis



- Library book management system



- Logistic regression and gradient descent



- Stock market data analysis and visualization



[Click for more details about the program](#)



Tools you will learn:

Python, MySQL, Anaconda, Tableau, SQLite, MS Excel, Power BI

JOB OPPORTUNITIES FOR YOU

Our program prepares you for top job roles like



Data Scientist



Machine Learning Engineer



Data Analyst



Business Analyst



Data Engineer

€ 3,497

per month for 10 months

BASIC

9 Month Access

€ 4,348

per month for 10 months

PRO

18 Month Access

€ 5,199

per month for 10 months

PREMIUM

Lifetime Access

Get in touch with us



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