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OUR TRAINEES GOT PLACED IN



.....Still
Counting

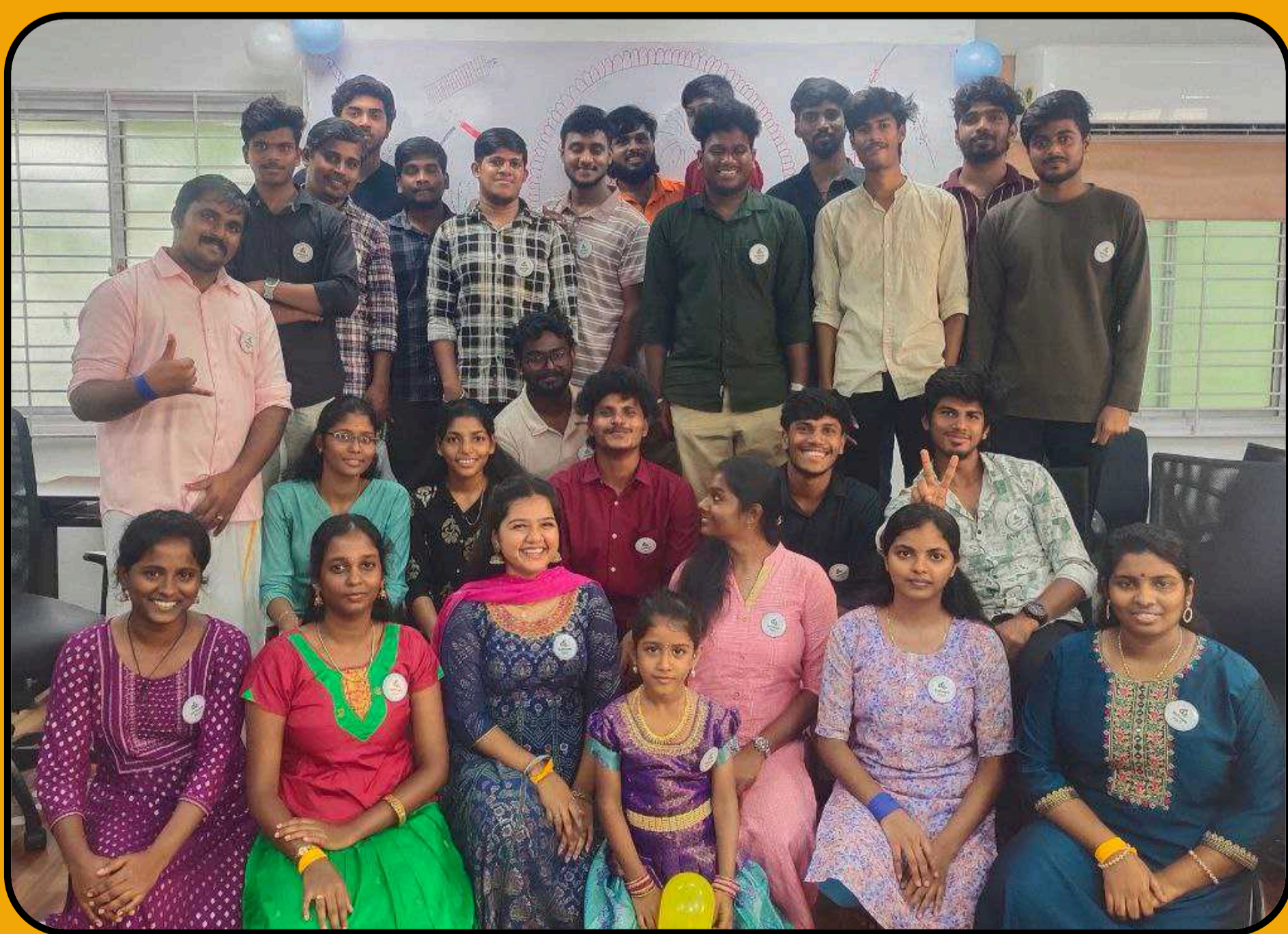


ABOUT US!

Payilagam, the **Best Software Training Institute In Chennai With 100% Placement Guarantee**, has been shaping successful IT careers with over **13+ Years Of Experience**. We provide real-time, industry-focused training led by **Experienced Professionals** from the IT industry, ensuring you gain practical skills that companies actually need. Our courses include **HTML, CSS, JavaScript, React, Java, Python, PostgreSQL, GitLab, And WordPress**, designed to make you job-ready from day one. At Payilagam, we don't just teach, we guide you step-by-step towards your career with our **100% Job Guaranteed Courses**, helping you confidently step into the IT industry.



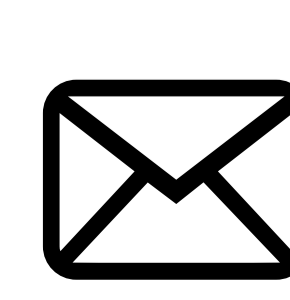
OUR INFRASTRUCTURE



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OUR LATEST PLACEMENTS



Megha **BE AI (2025)**

ML DATA ASSOCIATE ROLE 1



Sasireka **MSc. CS (2025)**

ASSISTANT SYSTEM ENGINEER



Divya Bharathi **BE ECE (2026)**

SOFTWARE ENGINEER



Ramya **B.E. CSE (2025)**

DATA ANALYST



Vidhya Varshini
B E Aeronautical (2025)

WEB DEVELOPER



Deenadhayalan **BSc CS (2025)**

TECHNICAL SUPPORT ENGINEER



Dharshini E **B.E CSE (2025)**

FULL STACK DEVELOPER INTERN



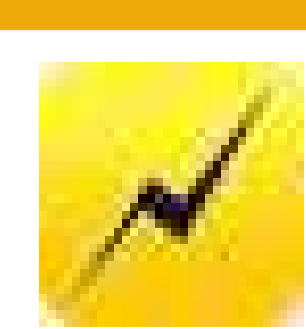
Vimala G **BE ECE (2016)**

SOFTWARE ENGINEER



Ramesh **B.Com (2025)**

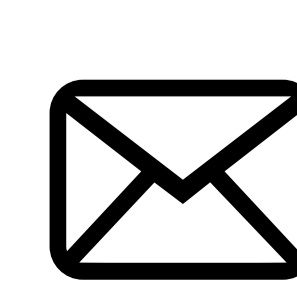
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OUR LATEST PLACEMENTS



Sathish **MSc (2023)**

SOFTWARE ENGINEER



Ranjith **BSc Physics(2021)**

ANGULAR DEVELOPER



Bharath **MSc Maths (2021)**

ANGULAR DEVELOPER



Iyappan **MCA (2025)**

SOFTWARE ENGINEER



Bhuvana Sri R **B.E CSE (2025)**

SOFTWARE ENGINEER



Pavithra **MCA (2025)**

NETWORK ENGINEER



Keerthika **MCA (2025)**

REACT DEVELOPER



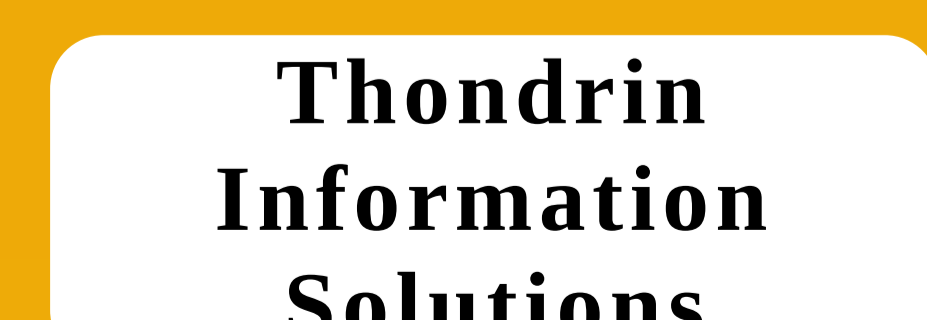
Vasanth S **B.E Mech (2021)**

SOFTWARE ENGINEER



Gayathri **BE CSE (2025)**

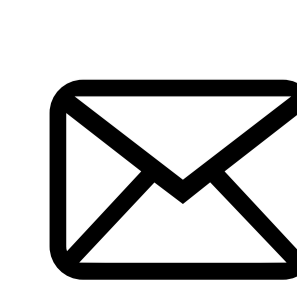
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OUR LATEST PLACEMENTS



Vadivu Lakshmi G
MSc Chemistry(2018)

FULL STACK DEVELOPER INTERN



Ponvel M **BE CSE (2024)**

SOFTWARE ENGINEER

Thondrin
Information
Solutions



Uthaya **ME (2015)**

ANGULAR DEVELOPER



AJAY RAJA **B.Tech CSE (2025)**

DEVOPS ENGINEER INTERN



Ashok **BE ECE (2025)**

DATA ANALYST INTERN



Manikandan **B.Sc (2025)**

DATA ANALYST



Vigneshwaralingam
B.E CSE (2025)

SOFTWARE ENGINEER



Swetha.P **B.Sc CS (2025)**

SOFTWARE ENGINEER INTERN



Kavya S **BE CSE (2025)**

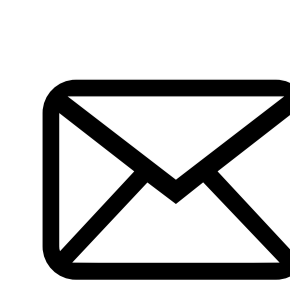
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PYTHON

Module 1: Python Introduction, Installation

- Python Introduction
- Download Python, Installing Python
- Verify The Installation
- Install A Text Editor Or IDE (Optional)

Module 2: Data Types

- Numeric Types
- Text Type
- Boolean Type
- None Type

Module 3: Operators

- Arithmetic Operators
- Comparison Operators
- Logical Operators
- Assignment Operators
- Membership Operators
- Identity Operators

Module 4: Functions

- Function Call
- Return Statement
- Types Of Parameters - Default Parameters, Variable Length Arguments
- Variable-Length Argument Lists, Lambda Functions, Recursion

Module 5: Flow Control Statements

- **Looping Statements:** for, while
- **Conditonal Statements:** if, elif, else
- **Exception Handling:** try, except, finally
- Pass Statement

Project: *Calculator Application*



PYTHON

Module 6: List

- Creating A List
- Accessing Elements
- Slicing
- Modifying Elements
- Adding Elements
- Removing Elements
- Sorting: Bubble Sort, Searching: Binary Search

Project: Phone Book Application

Module 7: Tuple

- Creating A Tuple
- Accessing Elements
- Slicing
- Tuple Packing And Unpacking
- Immutable Nature

Project: Inventory Management Application

Module 8: Set

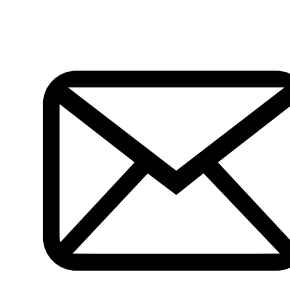
- Creating A Set
- Accessing Elements, Adding Elements, Removing Elements
- Set Operations
- Other Set Operations

Project: Unique Words From A Book

Module 9: Dictionary

- Creating A Dictionary, Accessing Values, Modifying Values
- Adding New Key-Value Pairs, Removing Key-Value Pairs
- Dictionary Operations, Nested Dictionaries

Project: Student Management System



PYTHON

Module 10: Package

- Creating A Package
- Importing Modules From A Package
- Importing The Whole Package
- Subpackages

Module 11: Python OOPs Introduction

- Class, Object
- Attributes And Methods
- Encapsulation
- Inheritance
- Polymorphism
- Abstraction

Project: Employee Management System

Module 12: Type Of Methods

- Instance Methods
- Class Methods
- Static Methods
- Special Methods (Magic Methods Or Dunder Methods)

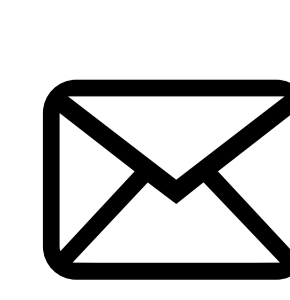
Module 13: Exception Handling

- Try-Except Block
- Handling Specific Exceptions
- Else And Finally Blocks
- Raising And Custom Exceptions

Module 14: File Handling

- Opening, Reading, Writing From A File, Appending To A File
- Using With Statements, File Modes
- Exception Handling For File Operations, Working With Paths

Project: CSV File Parser Application



PYTHON

Module 15: Regular Expression

- Basics Of Regular Expressions
- Using Regular Expressions In Python

Projects:

1. *Email Validator*
2. *Mobile Number Extractor*
3. *Password Validator*

Module 16: Multithreading

- Creating Threads
- Thread Synchronization
- Thread Communication
- Daemon Threads

Module 17: Using SQLite As An Example

- Install SQLite
- Import The SQLite Library
- Connect To A Database
- Create A Cursor Object
- Execute SQL Queries
- Querying Data
- Closing The Connection

Module 18: Decorator, Generator Functions

- Generator Functions
- Decorator Functions

*****Assignments Will Be Given After Each Module*****



DATA WRANGLING (CLEANING)

Module 1: Introduction To Pandas And NumPy

- What Is Data Wrangling?, Introduction To NumPy Arrays
- Introduction To Pandas Series And DataFrames
- Reading CSV/Excel/JSON Files Using Pandas

Project: Explore A Simple Sales Dataset, Clean Null Values, And Convert It To A Report

Module 2: Working With APIs And Databases

- What Is An API?, Fetching Data From An API (Using Requests)
- Basics Of SQL And SQLite
- Connecting Pandas With SQL (Read_sql, To_sql)

Project: Fetch Data From OpenWeatherMap API, Clean It, And Save It To A Database

Module 3: Multi-Dimensional Arrays With NumPy

- Creating Arrays (1D, 2D, 3D)
- Array Indexing, Slicing, Reshaping, Mathematical Operations And Broadcasting
- Aggregations: Sum, Mean, Std, Etc.

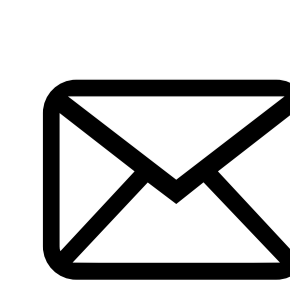
Project: Simulate Student Marks For 3 Subjects Using A 2D Array And Calculate Averages

Module 4: Manipulating DataFrames With Pandas

- Filtering, Sorting, Grouping
- Handling Missing Values
- Merging And Joining DataFrames
- Pivot Tables And Crosstab

Project: Clean And Analyze A Messy Titanic Dataset Or HR Employee Dataset

*****Assignments Will Be Given After Each Module*****



DATA VISUALIZATION

Module 1: Introduction To Data Visualization

- Importance Of Visualizing Data
- Types Of Visualizations (Bar, Line, Pie, Scatter)

Project: *Visualize Product Sales Over Months Using Bar And Line Charts (Matplotlib)*

Module 2: Matplotlib And Seaborn

- Customizing Charts (Labels, Legends, Colors)
- Multiple Plots In One Figure
- Heatmaps, Pairplots (With Seaborn)

Project: *Plot Correlation Heatmap For Student Performance Dataset*

Module 3: Power BI

- Introduction To Power BI Desktop
- Importing Data From Excel/CSV
- Creating Basic Dashboards

Projects:

- *Restaurant Sales Analysis*
- *Data Science Job Trends Analysis*
- *TN Election Results Analysis*
- *Global GDP & So On*

Module 4: Tableau

- Introduction To Tableau Public
- Connecting Data
- Building Basic Dashboards And Charts

Project: *Visualize Employee Attrition Or Sales Funnel Using Tableau*

*****Assignments Will Be Given After Each Module*****



MACHINE LEARNING AND AI

Module 1: Introduction To ML & AI

- Difference Between AI, ML, And DL
- ML Workflow (Data → Model → Prediction)
- Supervised Vs Unsupervised Learning

Project: Use Scikit-Learn To Predict House Prices

Module 2: Linear Regression With Scikit-Learn

- What Is Linear Regression?
- Training And Testing Data, Using Train_test_split, Fit, Predict

Projects: Predict Student Scores Based On Hours Studied

Module 3: Multiple & Polynomial Regression

- Multiple Regression (Multi-Variable Input)
- Polynomial Regression Using PolynomialFeatures

Project: Predict Car Price Based On Mileage, Age, And Brand

Module 4: Unsupervised Learning - KMeans Clustering

- What Is Clustering?, KMeans With Scikit-Learn
- Choosing The Number Of Clusters

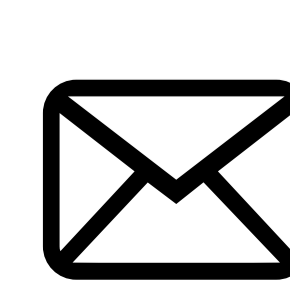
Project: Cluster Customers By Shopping Patterns

Module 5: TensorFlow Or PyTorch Basics

- Introduction To Neural Networks, What Are Tensors?
- TensorFlow Vs PyTorch Overview
- Basic Model Building With PyTorch

Project: Digit Recognition With MNIST (Simplified)

*****Assignments Will Be Given After Each Module*****



MACHINE LEARNING AND AI

Module 6: Generative AI For Data Science

- What Is Generative AI (ChatGPT, LLMs)
- Using AI For Data Analysis (Dataset → Insights)
- AI Data Cleaning Suggestions
- AI For Feature Engineering Ideas
- Text Data Analysis Using AI
- AI Report Generation (Auto Summary)
- Prompt Engineering For Data Science
- Using OpenAI API With Python
- AI Model Integration In Python Projects
- AI For EDA (Exploratory Data Analysis)
- AI For Predictive Insights Explanation
- Using AI With Pandas DataFrames
- AI-Assisted Model Evaluation
- Basic RAG (Data + AI Response)

Module 7: AI-Based Data Science Projects

- AI Data Analysis Assistant (Upload → Insights)
- AI Sales Prediction With Explanation
- AI Customer Segmentation + Insights
- AI Resume Screening Model
- AI Chatbot With Dataset Knowledge (RAG)

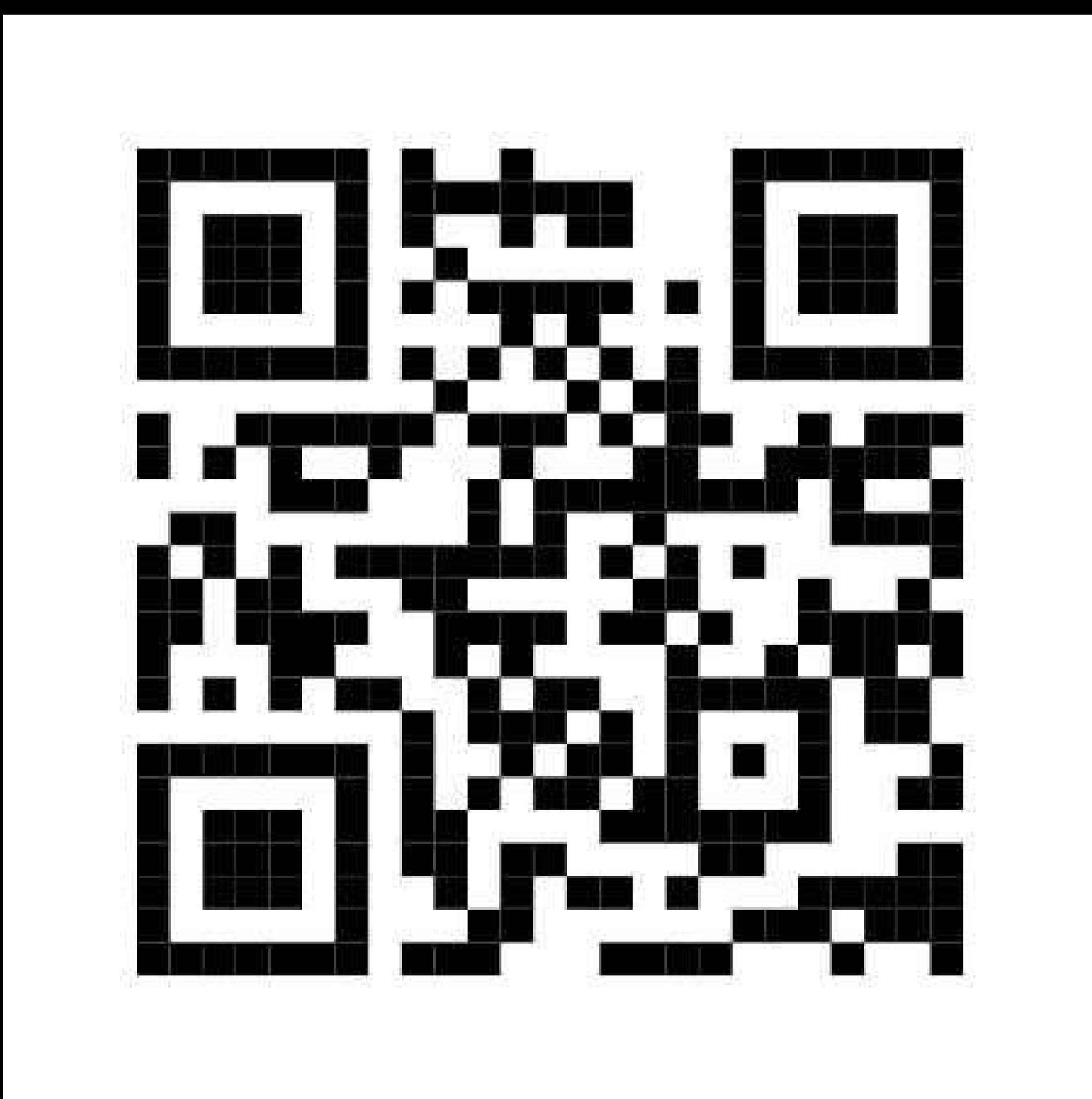
*****Assignments Will Be Given After Each Module*****



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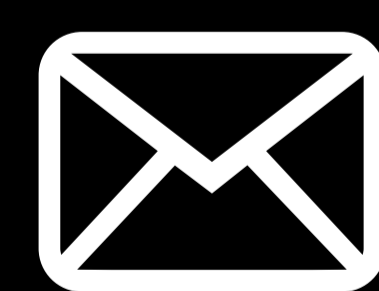


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