

VETRI TECHNOLOGY SOLUTIONS

**AI - DATA
ANALYTICS**

-Duration-

3 MONTHS



VTS LEARNING MODEL



AI Based Live Learning

Complete AI Based Learning Model to get the Hands on AI



Industry Projects

100+ Industry projects with AI to make the Candidate Job Ready



90:10 Learning Model

90 Practical : 10 Theoretical Training Sessions – Daily Live Online Training & Mentorship



IT Job Workflow

An IT Job Workflow is being followed in the Training Period itself to be a Day 1 Productive.



One-One Mentorship

One-One Mentorship would be arranged as per the Request to Clear the Doubts in the Projects



Mock Interviews

20+ Mock Interviews in the Training Period to Build the Confidence of the IT Trainee



Course Final Exam

This Exam will be conducted after the Training gets over to Process the Certificate



100% Internship

An Internship is Integrated within the Training Period to get the Hands on Experience.



Job Ready Profile

Be Job Ready Profile to get the Job in IT with AI Tools & Projects





VTS IT TRAINING BENEFITS



You Get Your
Dream Job!



**Course
Duration**

**-3-
MONTHS**



Placement Ready

Resume Building
Interview Tips



20+ Mock Interviews

100+ Hands on Projects,
20+ Internal Mock Interviews



Assured AI Integrated Internship

Assured Integrated Internship from our
Own IT Startup VETRI IT SYSTEMS



IT Industry Projects with AI

100+ Industry Projects with AI Prompts
to Complete the FullStack Projects



IT Skills Training with AI

HTML, CSS, JS, REACT JS,
JAVA, PYTHON, MYSQL



90/10 Learning Model

VTS 90 % Practical & 10% Theory Learning
Model Helps to get Hands on Experience



Enrollment

SDLC, Business Analysis,
Introduction to AI

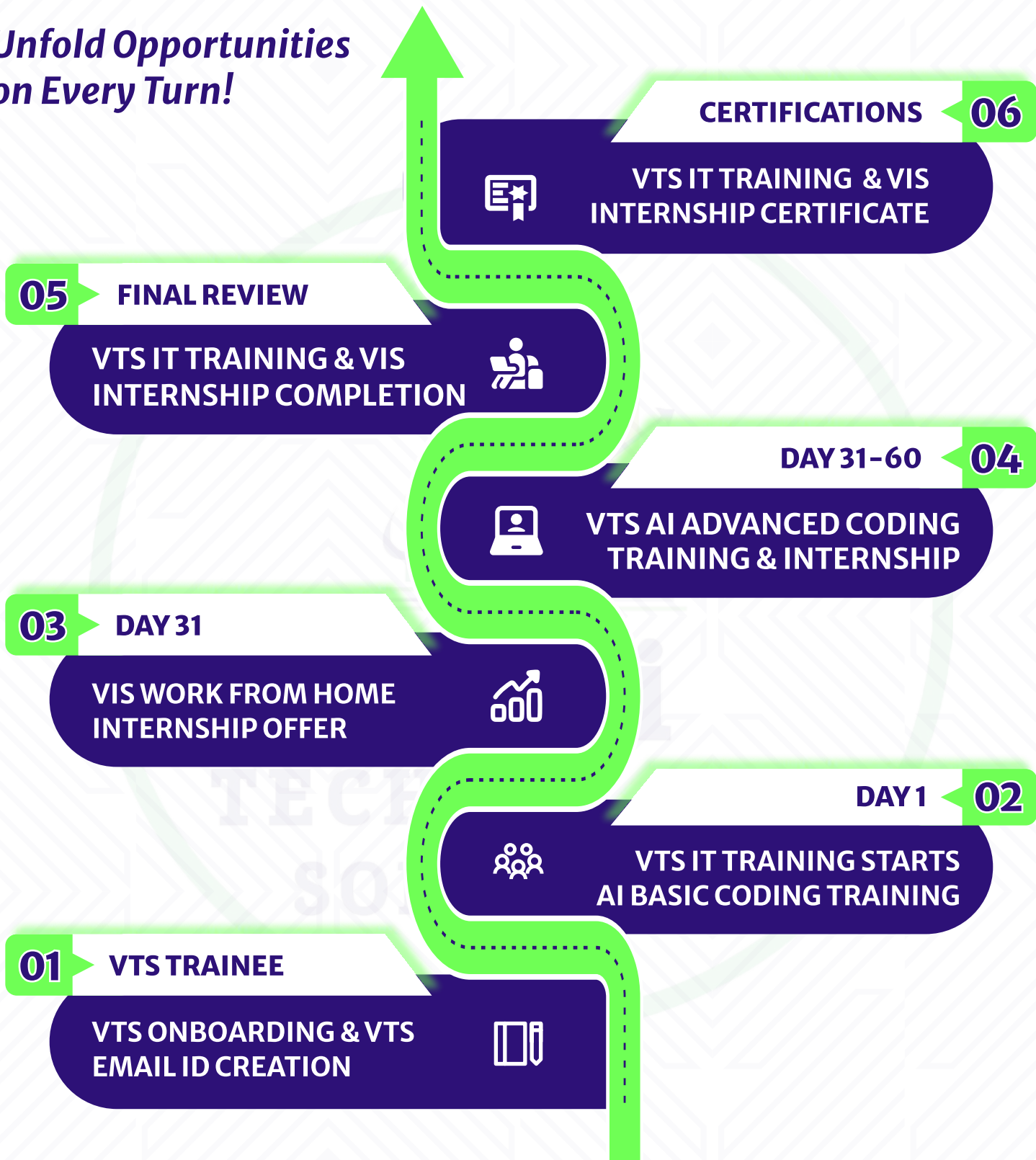




VTS & VIS LEARNING JOURNEY



Unfold Opportunities on Every Turn!



*VTS - VETRI TECHNOLOGY SOLUTIONS
 *VIS - VETRI IT SYSTEMS PRIVATE LIMITED

*Note : Additional Days will be added with the Course Duration for the Mock Interviews, Any Additional Free Tools Covered, Weekly Reviews, Tasks, Mini & Main Projects review.

PROGRAMMING TOOLS



-SQL-



-EXCEL-



-NUMPY-



-PANDAS-



-MATPLOTLIB-



-SEABORN-



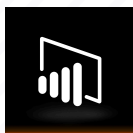
-SCIKIT LEARN-



-NLTK-



-SPACY-



-POWER BI-



-TABLEAU-



-BIGQUERY-





DATA ANALYTICS & AI TOOLS COVERED



-AWS REDSHIFT-



-PYTHON-

AI TOOLS



-RASA-



-MONKEYLEARN-



-DIALOGFLOW-



-H2O.AI-





-On Successful Completion- EARN CERTIFICATION









VETRI TECHNOLOGY SOLUTIONS
An ISO 9001:2015 Certified Organization

Certificate





FOR ONLINE VERIFICATION SCAN

This is to certify that,

VETRI VEERIYAN V S/O VETRIYAN

ATC : VETRI TECHNOLOGY SOLUTIONS | SURANDAI, TENKASI

Has passed the prescribed examination with **A+** grade (88.00 % marks)
has been awarded the
CERTIFICATE IN PYTHON FULL STACK
designed and developed as per the standards of
VETRI TECHNOLOGY SOLUTIONS
An ISO 9001:2015 Certified Organization



Certificate No : 75TW8F2V45
Date Of Issue : 10-01-2025

Online Certificate Verification Available on.:
www.vetritechnologiesolutions.com


 PRAVIN KUMAR P
 Controller Of Examination


 PUNITHA V
 DIRECTOR

Contact No: 84385 58627/84385 58527

ADDRESS : APRIL'S COMPLEX & SHANTI COMPLEX, SIVAGURUNATHAPURAM, SURANDAI-627 859.

VTS provides you an ISO 9001:2015 Training Completion Certificate with online Verification at our Portal vetritechnologiesolutions.com





FREQUENTLY ASKED QUESTIONS



01

What is the Eligibility to Join the IT Training Programs?

Any Degree Candidates, Freshers and Career Gap candidates are eligible for this Program. Any Degree Candidates(No Arrears) are Eligible and the Age should be Below 35 (DOB Year 1991 & Above) for Female Candidates. The age should be below 30 (DOB Year 1995 & Above) for Male Candidates

02

What is Integrated Internship? How this will give Benefit to the Candidates in the Real World?

An Integrated Internship Program will be for 60 Days which is Free of Cost from our Own Startup VETRI IT SYSTEMS PRIVATE LIMITED which will help Candidates to get the Hands on Experience in Projects during their Training Period itself. It will save the Candidate's Training Duration also if the Candidate use the Internship effectively an Immediate hands on experience would be gained and make them available as Job Ready in the Training Period itself. IT Training & Internship will happen at the same time to implement the Practical Tasks and Projects. A Candidate will receive IT Training Completion Certificate from VTS & Internship Completion Certificate from our own Startup VETRI IT SYSTEMS PRIVATE LIMITED after the Successful Training & Internship Completion. (Additional Days will be added with the Course Duration for the Mock Interviews, Any Additional Tools Covered, Weekly Reviews, Tasks, Mini & Main Projects review).

03

The Training will be Live Classes or Recorded Sessions?

All the IT Trainings are Live Classes only via Microsoft Teams/ Offline. The Recordings will be shared post daily sessions. It can be accessible for lifetime





FREQUENTLY ASKED QUESTIONS



04 **Any Exams will be Conducted in the Training Period ?**

Yes, definitely. Weekly exams and reviews will be conducted to make the Candidate as Job Ready Profile.

05 **IT Training Certificate Would be Given Post Completion of IT Training ?**

Yes, Soft Copy of Certificate Would be Provided with Online Login & QR Code Verification to the candidate. A Separate Credentials Would be given to the Candidate Post Completion and the Certificate Can get downloaded at anytime from our Website. It's an ISO 9001:2015 Certificate which can be utilized for Further Job Opportunities in the Industry.

06 **Internship Certificate Would be Provided Post Completion ?**

Yes, an Internship Certificate would be provided whoever Completing the Internship Successfully from VETRI IT SYSTEMS PRIVATE LIMITED.

07 **Is there any Placement Guidance/Placement Assistance would be Provided ?**

Yes, All VTS Trainees are eligible for the Placement Training Program which is Free of Cost which includes Resume, Portfolio Building, Business English for 10 Hours of Training. The Placement Training either will be conducted within the Training Period/will be conducted after Training Completion based on the Placement Trainer's Availability.





FREQUENTLY ASKED QUESTIONS



08 **Can Candidate Visit Office Directly for Joining the Program? Where is the office located ?**

Yes, the Office is located at - VTS & VIS, April's Complex, Shanthi Complex, Surandai - 627859, Tenkasi District - No Other Branches.

09 **What is the Office Timings ?**

It is 10.00 AM to 07.00 PM (Monday to Saturday - Excluding Public Holidays)

10 **How to Join the Training & WFH Internship Program ?**

Kindly reach out to our Customer Support team at +91 8438164827. The Customer Support team will assist you on the Eligibility/ Documents required to Join the Program.

11 **Who will get the Job Offer with Work From Home Option ?**

Top 2 Performers from the Batch will be Eligible for the Interview with VETRI IT SYSTEMS. After Clearing the 5 Rounds of Interview with VETRI IT SYSTEMS - They will receive the Job Offer/Internship with Stipend Offer with Work From Home Option.





INTEGRATED INTERNSHIP BENEFITS



Claim Your Benefits!

DURATION

3 Months



WORKFLOW

Assigned Tasks,
One-on-One
Daily live Mentorship



ELIGIBILITY

Any Degree Holders,
Below 40 - Females,
Below 25 - Males



INTERNSHIP

Work From Home
Internship for
All Candidates



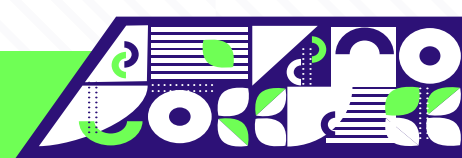
PROJECTS

Industry Based
Projects



ADD-ONS

Placement
Assistance &
Guidance



INTEGRATED INTERNSHIP



What is Integrated Internship ? How this will give Benefit to the Candidates in the Real World ?

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JOB OFFER FOR TOP 10 PERFORMERS!



Who will get the Work From Home Job Offer for Top 10 Performers ?

Top 10 Performers from the Batch will be eligible for the Interview with **VETRI IT SYSTEMS** – Post successful completion of the Interview a Job Offer will be Provided in Work From Home from our Startup **VETRI IT SYSTEMS Private Limited**.





VTS DATA ANALYTICS MODULES



AI DATA ANALYTICS

Introduction to Data Analytics, Data lifecycle | Excel basics | Data cleaning in Excel Pivot Tables & Charts | Conditional Formatting, Lookups | Data validation, What-if analysis | Advanced Excel formulas | Excel Dashboards | Power Query basics | Power BI intro | Intro to SQL & DBMS | SELECT, WHERE, ORDER BY | Aggregate functions | GROUP BY, HAVING | Joins | Subqueries & Nested queries | Window functions | CTEs (Common Table Expressions) | SQL optimization & indexing basics | SQL analytics project | Python setup, Jupyter Notebook | Python basics | NumPy arrays & operations | Pandas Series & DataFrames | Data cleaning with Pandas | Handling missing data & duplicates | Merging, joining & grouping data | Matplotlib visualization | Seaborn visualization | Mini project – Sales data analysis | Descriptive stats | Probability basics | Distributions | Hypothesis testing | Correlation & Covariance | ANOVA basics | Confidence intervals & p-values | Regression basics | Multiple regression & assumptions | Power BI – data cleaning | Power BI – building dashboards | Power BI – DAX basics | Tableau intro | Tableau – charts & dashboards | Tableau – calculated fields & filters | Power BI vs Tableau | Visualization best practices | Mini dashboard project | Data collection techniques | APIs & web scraping basics | JSON & CSV data handling | ETL concepts | Python ETL pipelines | Data pipelines with Pandas | Data preprocessing for ML | Handling large datasets | ETL project





VTS DATA ANALYTICS MODULES



AI IN DATA ANALYTICS

ML basics – supervised vs unsupervised | Linear Regression for prediction | Logistic Regression for classification | Decision Trees & Random Forests | Clustering | Dimensionality reduction (PCA) | Model evaluation | Time series basics – trend, seasonality | ARIMA models | ML mini project – Predict sales Intro to AI in analytics | Power BI AI Insights | Tableau AI forecasting | AI-based anomaly detection | AI tool project – Customer churn prediction | NLP basics – sentiment analysis | Text analytics with Python | Prescriptive analytics | End-to-end AI analytics project | Final Capstone Project – Real-time AI Analytics Dashboard

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INTERNSHIP PROJECTS



Sales Performance Dashboard



Analyze monthly/quarterly sales using Excel/Power BI + DAX.

Customer Segmentation



Group customers using K-Means clustering + visualization.

Marketing Campaign Analysis



Evaluate campaign ROI using Python + Pandas + Charts.

Employee Attrition Analytics



Identify factors causing attrition using ML classification.

Retail Inventory Analysis



Analyze stock levels, reorder points using analytics + forecasting.

Product Pricing Optimization



Find best price using regression and demand curves.

Churn Analytics for Telecom



Predict customer churn using ML + Tableau dashboard.

E-commerce Sales Insights



Analyze customer orders, revenue, repeat buyers using Power BI.

Financial Risk Scoring



Calculate credit risk using classification models + metrics.

Loan Default Analysis



Analyze borrower behavior + ML default prediction.

Healthcare Patient Analytics



Analyze patient records for trends and anomalies.

Hospital Readmission Prediction



Predict readmission using ML + logistic regression.

Fraud Transaction Analytics



Identify unusual patterns using anomaly detection.

Social Media Sentiment Analytics



Analyze brand sentiments using NLP + Power BI.

Supply Chain Analytics



Track delivery time, bottlenecks, demand forecasting.

HR Workforce Analytics



Analyze hiring, retention, and productivity metrics.





INTERNSHIP PROJECTS



Customer Lifetime Value (CLV) Prediction



Predict future value of customers using ML.

Banking Transaction Analysis



Analyze patterns, KPIs, and anomalies in banking data.

Air Quality Index Analytics



Analyze pollution trends and forecast AQI levels.

Stock Market Insights Dashboard



Explore trends, volatility, and correlations in stock data.

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-VTS- HAPPY LEARNERS FEEDBACK



VIJEESH
Python FullStack



The training was well-structured, informative, and helped me strengthen my understanding of key frontend concepts and tools. I truly appreciate your support and mentorship throughout the learning process. Looking forward to applying these skills and continuing to learn further.



RAMA LAKSHMI P
Python FullStack



Thank you so much for the wonderful Frontend training. I enjoyed learning HTML, CSS, Bootstrap, and React installation from you. Your teaching was easy to understand. I truly appreciate your patience—you explained every doubt I asked with clarity, which helped me a lot. Once again, thank you!



VENKATESAN P
Python FullStack



I acknowledge that I have learnt many topics from your classes, inspite of 6 years gap in coding and this is my last chance to my career. Way of teaching is excellent. I can easily understand the class, doubt clearing session is useful. Now I am confident in coding, special thanks for u mam.



GAYATHRI S
Python FullStack



Thank you for your guidance and support throughout the training sessions. Your clear explanations and structured approach have helped me understand the topics effectively. Looking forward to learning more under your guidance.



SOWNDARYA KUMAR
Python FullStack



I acknowledge the receipt. Thank you for giving wonderful opportunity to learn with VTS! I have learning Python course very clearly. Madam clear all of our doubts with smoothly, her approaching is too nice so that we can ask our doubts without any hesitation.



SOUNDARYA
Python FullStack



The class was engaging and informative. The lessons were well-structured and easy to follow. AlaguMari Mam explained the concepts clearly and made sure everyone understood before moving on. I appreciated the opportunity to ask questions and take part in discussions.



SANGEETHA R
Python FullStack



I am writing to express my sincere gratitude for training on this full stack python course. Our trainee Alagumari mam is a perfect teacher. She made learning experience effective that improved my skills. Thank you for providing impactful training experience.



SRI SANTHIYA
Python FullStack



Thank you so much for the classes till now and guiding me in HTML, CSS, and JAVASCRIPT. Your method of teaching was clear and easy to understand, which made the learning process much more engaging for all topics, Mam. Thank you once again for this excellent training experience till now.





OUR MEMORIES & ACHIEVEMENTS



Best IT STARTUP



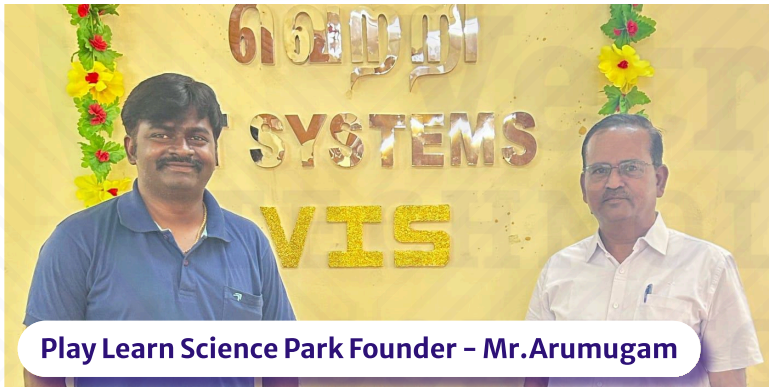
Vetri Organisation Opening Ceremony - 2021



Emerging Achiever of the Year



Vetri IT Systems Job Offer



Play Learn Science Park Founder - Mr.Arumugam



AWARDS



India's Best IT STARTUP Award



Trade EXPO Tenkasi





OUR MEMORIES & ACHIEVEMENTS



NEWS 7 Award - Emerging Achiever



Vetri IT Systems Job Offer



Best Emerging IT Startup - Tenkasi District



Placement session



Emerging Startup Award



Best IT STARTUP



Founder's Brother Mr.Siva Shankar



India's Business Iconic Award



Alumni Meet



Placement session





CONNECT WITH US



VETRI TECHNOLOGY SOLUTIONS

-CONNECT WITH US-



**+91 84381-64827,
+91 84387-81327**



vetriittirunelveli@gmail.com



vetritechnologysolutions.in



**VETRI TECHNOLOGY SOLUTIONS,
Shanthi complex, Second floor,
Surandai, Tenkasi - 627 859 & Opposite VOC
Stadium, Tirunelveli - 627002.**

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