

# PERARIVALAN K

Entry-Level Data Analyst / Junior Data Scientist

📍 Chennai ☎ 8807608228 📩 ks.perarivalan@gmail.com  
LinkedIn GitHub Portfolio

## PROFESSIONAL SUMMARY

Aspiring Data Analyst / Junior Data Scientist with strong analytical ability and growing skills in Python, SQL, and data analysis. Experienced in solving structured problems, interpreting data, and documenting findings clearly. Currently building practical data and ML skills through the TNSDC–Cultus AI Programmer program. Bringing prior IT experience from UST Global along with strong discipline, reasoning ability, and self-learning capacity developed through long-term competitive preparation.

## CORE TECHNICAL SKILLS

**Programming:** Python, SQL

**ML Basics:** Regression, classification, clustering

**Data Analysis:** pandas, NumPy, data wrangling, EDA

**Other Skills:** Linux basics, Git & GitHub

**Visualization:** Matplotlib, Seaborn

**Additional:** Documentation, system troubleshooting

## ADDITIONAL STRENGTHS

Strong analytical and reasoning ability, useful for identifying patterns, validating data, and solving structured problems

Fast self-learner with consistent upskilling in Python, SQL, and Machine Learning

Comfortable with logs, documentation, and structured information from prior Network Operations experience

Practical exposure to Linux systems and server monitoring from Web3 validator activities

Logical problem breakdown and detail-oriented thinking, valuable for data cleaning and exploratory analysis

Steady focus and disciplined approach developed through rigorous exam and self-study routines

## TRAINING & CERTIFICATIONS

### TNSDC – Cultus Education & Technology

*Artificial Intelligence Programmer (Ongoing)*

Focus: Python, Data Analysis, Machine Learning, AI fundamentals, project development

#### Certifications

- SQL for Data Science – UC Davis
- Google – Crash Course on Python
- IBM – Python for Data Science, AI & Development

## PROJECTS

### 1. Retail Sales Data Cleaning & EDA (Ongoing)

- Cleaning and transforming raw sales data using pandas
- Identifying trends and patterns through exploratory analysis
- Building data visualizations using Matplotlib and Seaborn
- Preparing the dataset for basic predictive modeling

## **2. Customer Churn Prediction – ML Model (Ongoing)**

- Preprocessing customer data through encoding and scaling
- Building a baseline classification model (Logistic Regression)
- Analyzing accuracy, recall, and confusion matrix
- Working on basic tuning and visualization

## **3. Python Automation Mini Project (Completed)**

- Built a file/log automation script using Python OS operations
- Improved efficiency by reducing repetitive manual tasks
- Used loops, functions, and modular structure

## **PROFESSIONAL EXPERIENCE**

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### **UST Global – Network Operations Engineer**

*Chennai – 2018*

- Monitored enterprise network systems ensuring 24/7 uptime
- Diagnosed and resolved incidents, minimizing service disruptions
- Collaborated with internal teams for escalations and resolutions
- Prepared accurate incident reports and documentation
- Developed strong troubleshooting discipline and attention to detail

### **Independent Technology Researcher (Web3 & Systems)**

*Remote – 2020–2024*

- Explored blockchain fundamentals and validator node operations
- Gained practical experience with Linux servers and monitoring tools
- Studied distributed systems, decentralized applications, and Web3 basics
- Built strong self-learning habits and technical curiosity

## **EDUCATION**

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### **Bachelor of Engineering (Electronics & Communication Engineering)**

*Appollo Engineering College, Chennai – 2015*

## **ADDITIONAL INFORMATION**

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**Languages:** English, Tamil

**Availability:** Open for internships and entry-level data roles

**Career Objective:** To apply analytical and data skills to solve real-world problems and support data-driven decision-making.