

MANIKANDAA S

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[!\[\]\(919a2cb85b99741a73c0c31a427236a8_img.jpg\) LinkedIn](#) | [!\[\]\(c9cd5a1c35167a83f09a35036fe5dcbd_img.jpg\) Portfolio](#) | [!\[\]\(ae1936640fabdea8c18f922ca69733fe_img.jpg\) Github](#)

Executive summary

Aspiring Data Engineer with a strong technical background in Big Data technologies (Hadoop, PySpark), SQL, and Python. Passionate about designing ETL pipelines, optimizing data workflows, and transforming raw data into structured formats for analytics. Seeking an entry-level Data Engineering role to apply skills in distributed computing and database management.

Technical Skills

Programming: Python, R, MySQL, Nosql, MongoDB

Libraries: Pandas, NumPy, Matplotlib, Scikit-learn

Tools: Power BI, Excel, SPSS, Hadoop, Pyspark, Mapreduce

Concepts: Data cleaning, data visualization, statistical analysis, Machine learning, hypothesis testing

Internship Experience

Data Science Intern – District Statistical Office, Trichy (June 2024 – July 2024)

- Collected and analyzed agricultural and demographic data using SPSS and Excel.
- Conducted surveys and managed datasets related to CAMS and AYUSH programs.
- Prepared analytical summaries to support district-level statistical reporting.

Projects

Cybercrime Awareness Analysis

- Conducted a survey of 200+ respondents to analyze cybercrime awareness using Python (Pandas, Matplotlib).
- Applied statistical tests (Chi-square test, correlation analysis) to validate relationships between awareness and demographics.

Diabetes Prediction using ML

- Built classification models (Logistic Regression, Random Forest) using the PIMA dataset, achieving 87% accuracy.

Sales Dashboard using Power BI

- Designed interactive dashboards to visualize sales and profit trends using CSV data.

Certifications

- Fundamentals of Python
- Data Analytics using Python
- Statistical Package for the Social Sciences (SPSS)
- Data Mining Workshop

Behavioral Skills

- Analytical thinking
- Team collaboration
- Leadership
- Adaptability

Education

M.Sc. Data Science (Pursuing)
Bharathidasan University, Trichy

2024–2026

B.Sc. Statistics
St. Joseph's College, Trichy

2021–2024

77.32%

Higher secondary
Bishop Heber Higher Secondary School, Trichy

2019–2021

86.40%