

Selva Narayanan A

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Passionate about leveraging Python and Machine Learning to build intelligent systems and solve real-world problems. Seeking opportunities to apply programming languages such as Python, SQL along with strong analytical thinking, to generate data-driven insights and business insights, support effective management decisions, and develop innovative AI-driven solutions for business and research advancements.

AREA OF EXPERTISE

- Python
- R
- C++
- SQL
- Machine Learning
- Deep Learning
- NLP
- Excel
- Tableau
- Power BI
- Data Modelling
- Data Visualization

WORK EXPERIENCE

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| AI/ML Internship | Jan 2025 - Jun 2025 |
| • Vehicle damage detection using CNN and FFNN. Developed a CNN + FFNN deep learning pipeline for vehicle damage detection, achieving 80%+ accuracy on dataset. Deployed via web application for real-time insurance claim automation. | |

EDUCATION

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| • Master Of Science, Data Science Alliance University, Bengaluru | Sep 2023 - Jul 2025 |
| • Bachelor of computer application Thiagarajar College, Madurai | Aug 2020 - May 2023 |
| • Higher Secondary Education A.U.P.E.T Chinmaya Vidyalaya, Tirunelveli | Jun 2019 - May 2020 |

ACADEMIC PROJECTS

• Stock price prediction system

Built a regression-based model to forecast stock prices using historical market data. Applied machine learning techniques in Python for data preprocessing, model training, and performance evaluation.

• Image classification using logistic regression and neural network

Neural networks significantly outperformed other method achieving more accuracy, while logistic regression struggled due to feature overlap and misclassification.

CERTIFICATION AND TRAINING

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| • Completed personality development and communication course | Mar 2023 |
| • Basics of Ethical Hacking | Jun 2023 |
| • Object-Oriented Data Structures in C++ | Apr 2024 |
| • Supervised Machine Learning: Classification | Aug 2024 |
| • Exploratory Data Analysis for Machine Learning | Jan 2025 |