

Pradeep rajan S

Chennai, Tamil Nadu

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Aspiring Data Analyst

Motivated and detail-oriented individual with a good understanding of supervised and unsupervised machine learning models. Skilled in various optimization algorithms and data science applications. Able to analyse and interpret complex data sets to perform data analysis and generate reports, patterns, and insights. Eager to contribute with a team to analyse large datasets and extract meaningful insights.

Education

DataMites Institute

Certified Data Scientist | 2024-2025

Knowledge Institute of Technology

B.E Mechanical engineering | 2015-2019 | CGPA: 6.69

SRV Boys Higher Secondary School

Computer Science | 2013-2015 | Final Grade: 77%

Work history

Data Science Consultant, Intern | Rubixe (April 2024 – December 2024)

- Collaborated with the team members to understand client requirements and business challenges. Worked on a client project where machine learning algorithms like Decision Tree, XGboost, random forest algorithm were applied and achieved 95% test accuracy. Played a key role in the project team and ensured timely submission of the projects.
- Constructed predictive models using machine learning algorithms, including Logistic Regression and Multiple Linear Regression, achieving an accuracy rate of 85% in attributing revenue and conversions to specific marketing touchpoints.

Sales Analyst | Casa Grande (March 2023 – December 2023)

- Analysed project-wise sales data and generated weekly reports to monitor KPIs such as revenue, conversion rate, and inventory movement.
- Created and maintained interactive dashboards using Excel and Power BI to visualize sales performance and support strategic decisions.
- Provided inventory analytics to identify slow-moving units and supported planning for targeted promotional activities.

- Assisted in forecasting sales trends based on historical data and market patterns, supporting business planning and target setting.
- Monitored CRM systems for accuracy and performance tracking, ensuring timely updates and reporting to senior management.

Senior Business Development Executive | Think & Learn Pvt. Ltd (Jan 2021 – Feb 2023)

- Awarded Best Performing Regional Associate (Chennai region) for exceeding sales and revenue targets.
- Recognized as a PAN India Top Associate for achieving the highest sales numbers.
- Conducted data-driven sales analysis to optimize business strategies.

Skills

- Python – NumPy, Pandas, TensorFlow, PyTorch, Sklearn data visualization- Tableau, Power BI, SQL, Flask, Machine learning algorithms, Time series forecasting, Data analysis, Deep learning.
- Linear Regression, Logistic Regression, Clustering Classification techniques.
- Natural language processing (NLP), Jupyter Notebook, Git.
- Applied statistics, Statistical analysis, MS Excel.
- Effective communication, Teamwork, Adaptability, Critical thinking, Problem solving, Time management.

Certifications

- NASSCOM Certified Data Scientist
- Certified Data Scientist - DataMites
- IBM Data Science Professional - Coursera
- Python (Beginner to Advanced) - Codebasics
- Power BI - SimpliLearn

Projects

Flu Vaccine Uptake Prediction: Forecasting H1N1 and Seasonal Flu Vaccination Trends

- Developed a predictive model to analyse vaccine effectiveness and forecast vaccination trends.
- Applied machine learning techniques to identify key factors influencing vaccine efficacy and adoption rates.

Skills applied: Predictive Modeling | Supervised Learning | Data Analysis | Feature Engineering

House Price Estimation

- Applied supervised learning (regression) to predict house prices based on key property attributes.
- Implemented XGboost, Random Forest, and Gradient Boosting to enhance prediction accuracy.
- Achieved a high R^2 score of 91%, ensuring reliable price estimations.

Skills applied: EDA | Advanced Regression | Feature Engineering | Model optimization