

RAMANIDEVI R

Analytical Wizard with Data Science Certification and Mathematics Background

CONTACT

- +91 6379205028
- rramanidevi01@gmail.com
- Virudhunagar, Tamil Nadu
- [RAMANIDEVI RAGUPATHY](#)
- [rramanidevi](#)

PROFESSIONAL DEVELOPMENT COURSE

- Completed a 6-month offline Data Science course focused on practical applications and techniques.

PROFESSIONAL SKILLS

- Teamwork
- Statistical Analysis
- Problem Solving
- MS Office
- Verbal and written communication
- Time Management

TECHNICAL SKILLS

- Python
- SQL
- AWS
- Power BI
- Excel
- Tableau
- R Programming
- Machine Learning
- Data Visualization
- Spark

CERTIFICATIONS

- Job Oriented Course** - Data Science, Tableau and R Programming
- Coursera** - Introduction to Statistics
- Coursera** - Fibonacci Numbers and the Golden Ratio

LANGUAGES

- English
- Tamil
- Telugu

PROFILE

As a recent M.Sc. Mathematics graduate with a keen interest in data analytics and data science, I bring a solid foundation in mathematical principles combined with practical skills in SQL and Python. Equipped with a comprehensive understanding of statistical methods and data manipulation techniques, I completed a rigorous 6-month data science course to enhance my analytical capabilities. My objective is to leverage my academic background and newly acquired skills to contribute effectively in a professional setting. I am driven by the opportunity to tackle real-world challenges, extract meaningful insights from complex datasets, and facilitate informed decision-making processes.

EDUCATION

M.SC.MATHEMATICS

PSGR KRISHNAMMAL COLLEGE FOR WOMEN, COIMBATORE.

2022 - 2024

Percentage:75%

B.SC.MATHEMATICS

V.V. VANNIAPERUMAL COLLEGE FOR WOMEN, VIRUDHUNAGAR

2019 -2022

Percentage : 73%

HIGHER SECONDARY

PACR AMMANI AMMAL GIRL'S HIGHER SECONDARY SCHOOL, RAJAPALAYAM

2019 March

Percentage : 70%

INTERNSHIP

DATA ANALYST INTERN
INDICRAFT VINTAGE PVT LTD
JULY 2024 - SEP 2024

HOUSE SALE ANALYSIS BY PROPERTY FEATURES

Detached single-family homes (1Fam) dominate the dataset at 83.6%. Single-story houses represent nearly half of all homes (49.7%), with most properties having an average condition rating of 5. Additionally, 99.6% of sales occur on paved roads.

HR ANALYTICS

The HR analytics project reveals that Sales (20.7%) and HR (19.0%) departments have the highest attrition rates. Sales Representatives show the highest attrition at 39.3%, and frequent travelers experience 24.7% turnover. Additionally, lower salary slabs are linked to higher attrition, highlighting the importance of compensation.

PREDICT LAPTOP PRICES

In this project reveals that the RandomForestRegressor (R^2 : 0.89) and Lasso (R^2 : 0.87) are the best-performing models, showing a strong fit. However, higher-priced laptops show larger deviations, suggesting potential heteroscedasticity. The model explains 64.6% of the variance in laptop prices, with most predictions clustered between €700 and €1,200.

WORKSHOP

- SKILL NATION** - Live workshop on AI and Automation in MS Excel