Shyamalan Kannan

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Data Analyst

Problem Solving • Data Visualization • Statistical Analysis • Communication
Hackathon Winner • Research Publication • Pipeline Engineering

EDUCATION

SEATTLE UNIVERSITY   Seattle, WA
Master of Science   Expected May 2026
> Major in Computer Science; Minors in Data Science
> Relevant Coursework: Big Data Analysis, Visual Analytics; Introduction to Data Science; SW Architecture and Design.

PRESIDENCY UNIVERSITY   Bengaluru, IN
Bachelor of Technology   Mar 2020 - Jun 2024
> Major in Computer Science; Minors in Artificial Intelligence and Machine Learning
> Relevant Coursework: Fundamentals of Data Analytics, Learning Analytics Tools; R Programming for Data Science; Business Intelligence and Analytics.

WORK EXPERIENCE

FINKEY CONSULTANCY LTD   Bengaluru, IN
Quantitative Research Analyst Intern   Jul 2023 – Oct 2023
- Analyzed historical market data using statistical indicators to identify patterns, resulting in a 15% improvement in prediction accuracy and increased revenue generation.
- Developed and refined time-series forecasting models that reduced prediction error by 20%, enabling more accurate business planning and decision-making.
- Implemented machine learning model optimization techniques to fine-tune algorithm parameters, resulting in 30% performance improvement and enhanced business outcomes.

UNIVERSITY PROJECTS

E-COMMERCE SALES & CUSTOMER ANALYSIS PIPELINE   Feb 2025
- Engineered data pipeline processing 540,000+ transactions with PostgreSQL optimization, reducing query time by 35% and implementing RFM customer segmentation with 96% accuracy.
- Developed automated Power BI dashboards for sales trends and product analysis, increasing targeted marketing efficiency by 28% through data-driven decision support.

INTERNATIONAL DEBT ANALYSIS OF INDIA   Apr 2025
- Engineered comprehensive data analysis pipeline for international debt assessment, reducing analysis time by 80% and enabling tracking of 5 key financial indicators across a 10-year period.
- Developed interactive debt analysis dashboard with Python visualization libraries displaying 6 critical debt metrics with correlation matrices that improved financial trend identification by 65%.

ACTIVITIES

INTERNSHALA   Bengaluru, IN
Student Ambassador   May 2023
- Led targeted marketing initiatives to boost student engagement, increasing internship applications by 24%.
- Developed and executed communication strategies tailored to diverse student demographics.

SKILLS & ADDITIONAL ACCOMPLISHMENTS

Technical Skills: Python, R, Power BI, Tableau, SQL, Excel
Awards: 2nd Place Hackathon Award, REVA University (Nov 2021)
Patents/Publications: "Deep Learning-Based Tomato Ripeness Detection: A ResNet-152 Approach", IJSRST (Jan-Feb 2024)