Varna Rojin K K

Kochi, Kerala | varnarojin003@gmail.com | +91 88489 52175

linkedin.com/varna-rojin | github.com/varnarojin

Objective

Aspiring data scientist with hands-on experience in NLP, machine learning, and statistical analysis, seeking to apply analytical and technical skills to solve real-world problems. Passionate about leveraging AI and data science to drive data-driven insights and innovation, especially in industries like healthcare and food sustainability.

Education

Master of Science in Data Science and Analytics *2024 – 2026*
Jain Deemed-to-be University, Kochi

Bachelor of Science in Statistics *2021 – 2024*
Govt Brennen College, Thalassery

Internships

Data Science Intern, Wogle Tech Dec 2024 – Jan 2025

- Developed a Sentiment Analysis Model using Natural Language Processing (NLP) and machine learning to classify Twitter data as positive, negative, or neutral.
- Implemented and compared multiple models, including Naïve Bayes, Support Vector Machines (SVM), LSTMs, and Transformer-based models (BERT) for sentiment classification.
- Performed data preprocessing and visualization, leveraging libraries like TextBlob and VADER for sentiment scoring and Matplotlib for trend analysis.

Technologies

Languages: Python, R, SQL

Technologies: SPSS, Excel, Power BI

Projects

AI for Statistical Quality Control in Perishable Food (Fishing Industry)

- Designed an AI-driven solution to monitor and control seafood quality during storage and transit.
- Used statistical models and IoT sensors for real-time anomaly detection in environmental conditions.

Statistical Analysis on the Impact of COVID-19

- Conducted a comprehensive statistical analysis of COVID-19 trends, focusing on infection rates, mortality, recovery patterns, and vaccination coverage across multiple regions.
- Leveraged tools like Python, R, or Excel for data collection, cleaning, and visualization.
- Applied statistical models such as regression analysis, hypothesis testing, and time series forecasting to understand patterns and predict trends.

Publications

Statistical quality control using ai in perishable food in fishing industry Nov 2024
Gouthami.M.S, *Varna Rojin K K*, Nandana.C.J, , Arya.C.S

Certifications

Two-Week Add-on Course on "Advanced Excel for Data Analysis and Business Applications", by the Department of Data Analytics and Mathematical Sciences, JAIN (Deemed-to-be) University, Kochi