

Mohammed Suhail

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Recent Data Science graduate passionate about utilizing data to uncover insights and drive data-driven decisions. Eager to apply analytical skills and problem-solving expertise in a collaborative team setting. Dedicated to continuous improvement and professional development.

Experience

Graduate Intern, GSK – Bangalore, India Jan 2024 – Jul 2024

- Collaborated with the data anonymization team, gaining experience in anonymizing clinical study datasets and SAS programming language.
- Developed and implemented a machine learning model for predicting function labels for anonymization based on input names, achieving an accuracy of 98%.
- Successfully implemented a bottom-top algorithm in python for anonymization, based on the article 'Utility-Based Anonymization for Privacy Preservation with Less Information Loss,' enhancing data privacy with minimal information loss.

Education

Masters in Data Science, Manipal Academy of Higher Education Aug 2022 – Jul 2024

Bachelors in Statistics, Kannur University Jun 2018 - Mar 2021

Projects

Regional Patterns of Maternal and Child Health Services Utilization in India

- Led a project to identify regional patterns in the utilization of maternal and child health services across India.
- Employed cluster analysis techniques and machine learning algorithms to uncover insights for targeted policy interventions and enhanced healthcare services.
- Successfully identified three distinct clusters, providing valuable insights for improving maternal and child health services.

A Data-Driven Journey through IPL: Insights and Trends

- Developed a machine learning algorithm to predict cricket match scores and outcomes, achieving an RMSE of 10.63 with Random Forest for total match score predictions, and an RMSE of 11.21 with Linear Regression for powerplay scores.
- Created an interactive dashboard to visualize and analyze IPL data, highlighting key statistics and trends to enhance data-driven decision-making.

A Study On Challenges Faced by Students During Lockdown Due to Pandemic Covid-19.

- Led a comprehensive survey to analyze the challenges encountered by undergraduate, postgraduate, and research students in Kerala during the early stages of the COVID-19 pandemic.
- Focused on the transition to online classes and associated academic difficulties, assessing the impact on students' education and well-being.

Skills

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- Python • R • SQL • Power BI • SAS • Excel • Machine learning • Deep learning
• Data Visualization • Data Analysis • Time Series Analysis • Natural Language Processing

Certifications

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- Power BI essential training by LinkedIn Learning.
 - Deep Learning Specialization by Deeplearning.ai
 - AI for Medicine Specialization by Deeplearning.ai
 - Data Analytics Professional Certificate by Google
 - Six Sigma Yellow Belt Specialization by University System of Georgia