MADHUMITA K

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50, Rastha street ,Papanasam

SUMMARY

A detail-oriented and analytical professional with expertise in collating, cleansing, analyzing, interpreting, and visualizing large volumes of data. Passionate about market research and staying updated with industry trends. Strong communication skills with the ability to convey complex insights. Skilled in statistical modeling, data visualization, and process improvement. Ensures high-quality and timely data delivery while maintaining flexibility in a dynamic work environment. Proficient in Python, SQL, Power BI, and R, with a solid foundation data analysis and problem-solving. Eager to contribute and grow in a data-driven role

EDUCATION

PSG COLLEGE OF ARTS & SCIENCE

Master's Degree in Statistics
CGPA 8.4/10
2022 – 2024

BISHOP HEBER COLLEGE

Bachelor's Degree in Mathematics
CGPA 9.05/10
2019-2022

SKILLS

- **Technical Skills**: Python, R, SPSS, SQL, PowerBI
- **Statistical Knowledge**: Hypothesis Testing, Statistical Modeling, Data Analysis
- **Tools & Methods:** Data Visualization
- **Analytical & Functional Skills:**
- Data Collection, Analysis & Interpretation
- End-to-End Data Handling
- Identifying Process Improvement Opportunities
- Problem-Solving & Critical Thinking
- Fast Decision-Making & Adaptability
- Effective Communication & Presentation

CERTIFICATIONS

- Completed a journalism diploma program at Bishop Heber College.
- Passed the NPTEL examination in Human Behaviour.
- completed the one-month internship in **Data Analytics** at NoviTech R&D Private Limited
- **SQL (Basic)** HackerRank skill certification test
- **Power Bi**

EXPERIENCE

PROJECTS

Numerical Weather Prediction Project
Bachelor's Degree in Mathematics
[2022]
- Developed and implemented a numerical weather prediction model using statistical and computational methods.
- Collaborated with a team to validate the model against real-world observations and refine the algorithms for better forecasting performance

A Statistical Study on Public Distribution System
Master's Degree in Statistics
[2024]
- Conducted a statistical analysis of the public distribution system across three outlets within the same panchayat.
- Compare efficiency and performance metrics to identify the top-performing outlet.
- Analyzed key factors contributing to the success of the leading outlet by using tools such as R and SPSS.
- Developed data-driven recommendations to improve the performance of the other outlets.

LANGUAGE

- TAMIL, ENGLISH, HINDI(Read, Write), TELUGU(Speak)

EXTRA CURRICULAR

- Part of Bharat scout and guide (2016)
  Awarded for successfully completing service projects under Bharat Scouts and Guides, focusing on teamwork, discipline, and service orientation