Nitin Madas

MSc. Statistics and Data Science

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EDUCATION

Qualification	Institute	Board / University	Year	% / CGPA
MSc. Statistics & Data Science	NSOMASA, NMIMS, Mumbai	NMIMS	2023-25	3.29/4(sem1,2)
BSc. (Statistics)	D.G. Ruparel College, Mahim	Mumbai University	2020-23	9.21/10
XII	Bhavan's College, Andheri	Maharashtra Board	2020	86.15%
X	Dr. Antonio Da Silva Technical High School, Dadar	Maharashtra Board	2018	87.20%

INTERNSHIPS

		MONTHS
AlgoAnalytics Pune	**Data Science Intern** • Developed a Taste-based Recipe generation using SLM/LLM • Collected and pre-processed diverse datasets • Implemented retrieval-augmented generation (RAG) with embeddings and vector databases to enhance recommendation accuracy. • Utilized Python, Langchain, Jupyter Notebook, Streamlit	**May 2024 - Aug 2024**
Prishni Innovations Pvt Ltd Bangalore	**Web Developer Intern** • Maintained/optimized websites and databases using Python and SQL. • Implemented accessible features for visually impaired clients. • Designed a course collaboration feature, enhancing user engagement. • Streamlined the 'Sign Up' process, improving user experience.	**Feb 2022 - May 2022**

PROJECTS

Resume analyser for Intern-ship/job recommendation using NLP and ML	• Built an automated job recommendation system for data science roles using NLP and machine ` learning. • Utilized web scraping and PDF data extraction, followed by text vectorization with Doc2Vec and BERT models. • Implemented a recommendation engine based on cosine similarity and an LLM-powered Resume Analyzer for accurate job matches. **Tools: Python, Excel, Jupyter Notebook, Streamlit** (Team size: 6)	**April 2023**
Reduce accuracy variance of Motor Imagery (MI) classification in BCIs.	• Implemented a new technique named "Whitening Transform or BCICW" to improve the Motor imagery (MI) Classification using Gram-Schmidt Orthogonalization. • Applied BCICW technique to de-correlate the brain's signal data then performed Eigen Face Analysis (EFA) for feature extraction of training and testing dataset and then applied LDA for the classification of the dependent variable (i.e. Right hand or Left Hand) • Compared the variance in accuracy among subjects for both approaches i.e ➢ Approach 1: EFA then LDA (**Variance = 46.97**, Mean = 38.33) ➢ Approach 2: BCICW + EFA then LDA (**Variance = 22.66**, Mean = 51.64) **Tools Used: Python** (Team size: 6)	**Nov 2023**

POSITIONS OF RESPONSIBILITY

Discussion Club Founding Member Analytics Cell, NMIMS	Actively engage in enriching discussions and knowledge-sharing sessions related to data analytics, data science, statistics, Machine Learning, AI, etc. and its applications	**2023 - Present**

EXTRA CURRICULAR ACTIVITIES

Interests	Chess | Spirituality | Reading | Programming
Awards & Achievements	2nd Prize in Sports Analytics PPT Competition: **2023** Topic: **"How Statistics revolutionized Sports Industry"**

CERTIFICATIONS & SKILLS

Certifications	IBM Data Science Specialization (Coursera) | SAS Certified Specialist: Base Programming Using SAS 9.4 (956/1000)		
Programming & Software	Python | SQL | Power BI | Excel | Power Point | Tableau | R | SAS | Git | GitHub	**Skills**	Problem Solving | Analytical & Critical Thinking | Emotional intelligence | Curiosity