Nitin Madas

MSc. Statistics and Data Science

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17th Nov 2002 | 9372791162

EDUCATION

Qualification	Institute	Board / University	Year	% / CGPA
MSc. Statistics & Data Science	NSOMASA, NMIMS, Mumbai	NMIMS	2023-2025	3.27/4(sem1)
BSc. (Statistics)	D.G. Ruparel College, Mahim	Mumbai University	2020-2023	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
Prishni Innovations Pvt Ltd Bangalore(remote)	**Web Developer Intern** Responsibilities: • Website and Database maintenance with Python and SQL. • Fixing bugs and adding new features to the website. • Interaction with client (visually impaired) for assessing needs and features. Achievements: • Designed Database and Implemented UI for course collaboration feature. • Simplified 'Sign Up' process and UI.	**July 2021 - Jan 2022**

PROJECTS

Reduce accuracy variance of Motor Imagery (MI) classification in BCIs.	• Developed and 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) **Software's Used: Python** (Team size: 6)	**Nov 2023**
Sentiment Analysis for British Airways	• Scraped reviews data from Skytrax website, Utilized Requests and Beautiful-Soup Modules for data retrieval and parsing. • Calculated basic text statistics, Pre-processed the text by converting it to lowercase, tokenised text, removed stop-words and punctuation, and performed stemming using NLTK, PorterStemmer, and WordCloud. • Utilized a Random Forest Classifier model to predict the target variable, which represents whether a customer made a booking, using the provided metadata. \ **Software's Used: Python, Excel** (Team size : 3)	**June 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 | Programming | Reading | Spirituality	
Awards & Achievements	Secured the 2nd Prize in a Presentation Competition for my presentation on topic '**How Statistics Revolutionized the Sports Industry**'.	**2023**

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 | Communication | Analytical & Critical Thinking | Emotional intelligence | Curiosity