SVKM'S NMIMS | **NILKAMAL SCHOOL OF MATHEMATICS, APPLIED STATISTICS & ANALYTICS**

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MSc. Statistics and Data Science

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EDUCATION

Qualification	Institute	Board / University	Year	% / CGPA
MSc. Statistics & Data Science	NSOMASA, NMIMS, Mumbai	NMIMS	2023-2025	3.43/4
BSc. (Statistics)	D.G. Ruparel College	Mumbai University	2020-2023	9.09/10
XII	K.V. Pendharkar college	HSC	2020	78.62%
X	Sister Nivedita English medium school	SSC	2018	86.60%

PROJECTS

Improving EFA algorithm for MI Classification	• Developed and implemented a new technique named "Whitening Transform" to improve the Motor Imagery (MI) Classification using Gram-Schmidt Orthogonalization. • It is a pre-processing step to de-correlate the data which improved the classification model performance which was trained by extracting features of training and testing dataset using Eigen Face Analysis (EFA). • By applying the whitening technique variance of the accuracy among subjects decreased by almost **50%** i.e., all 9 subjects exhibited uniform or consistent accuracy. **Tools: Python** (Team size: 6)	**Nov2023**
Sentiment Analysis for British Airways	• Web-scrape reviews data from Skytrax website and perform Data cleaning, Data pre-processing and then EDA (text statistics). • Trained RandomForest model to gain insights in the customer behaviour during the booking process and significant features were extracted to understand the factors influencing the customer behaviour. • Conclusion: There was negative review about the company due to the poor booking process, top factors were booking time, late flights, ground staff service. **Tools: Python, Excel** **(**Team size: 3)	**May – Jun 2023**
Resume analyser for Internship/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** (Team size: 6)	**Jan 24 - Apr 24**

EXTRA CURRICULAR ACTIVITIES

Interests	Chess	Statistics	Astrophile	Philosophy	
Awards & Achievements	2ⁿᵈ Prize in Sports Analytics PPT Competition: Certificate Topic: **"How Statistics revolutionized Sports Industry"** Analysed the impact of statistics on sports industry dynamics.	**2023**

CERTIFICATIONS & SKILLS

Certifications	**SAS Certified specialist: Base Programming Using SAS 9.4**		
Programming & Software	SAS	Python	SQL	Power BI	Excel	MS Power-Point	R	**Soft Skills**	Data Management	Problem Solving	Analytical Thinking