Aditya Waman

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EDUCATION

Narsee Monjee Institute of Management Studies, Mumbai.	**CGPA: 3.6/4**
M.Sc. in Statistics and Data Science	**May 2024**
VPM's BN Bandodkar College of Science, Thane.	**CGPA: 9.93/10**
B.Sc. in Statistics	**Apr 2022**
Vani Vidyalaya Junior College, Mulund.	**Percentage: 81.85%**
HSC	**May 2019**

WORK EXPERIENCE

Neural Tech Soft, Mumbai	**Mumbai, Maharashtra**
Position: Data Analyst Intern	**Jan 2024-present**

- Designed a probabilistic model for Actuarial Valuation of End of Service Benefits using Python.
- Developed and implemented a data-driven strategy for Automated Trading in the Indian Derivative Market, achieving a 70-80% return in back-testing.
- Achieved a 10% return on invested capital during live trading over a two-week period.
- Conducted rigorous simulation and back-testing to validate the effectiveness of trading strategies.

PROJECT EXPERIENCE

NMIMS, Mumbai	**Mumbai, Maharashtra**
ECG Anomaly Sentinel: Detecting Heart Aberrations	**July 2023-Nov 2023**

- Developed and implemented an LSTM-based model for accurate ECG anomaly detection.
- Conducted extensive validation of the model, ensuring its efficacy for healthcare applications.
- Integrated advanced noise reduction techniques to enhance model accuracy and reliability.

NMIMS, Mumbai	**Mumbai, Maharashtra**
Password Strength Checker using NLP and Random Forest	**June 2023**

- Developed a Password Strength Checker using NLTK and Naive Bayes, achieving an accuracy rate exceeding 80%, effectively distinguishing between weak and strong passwords.
- Implemented feature engineering and a Naive Bayes classifier to assess password security, contributing to enhanced user data protection and security in digital applications.

CERTIFICATIONS

Python For Data Science. (Coursera)	**June 2023**
SQL for Data Science. (Coursera)	**July 2023**
Machine Learning A-Z. (Udemy)	**August 2023**

PROGRAMMING SKILLS / SOFT SKILLS

PROGRAMMING SKILLS	**SOFT SKILLS**
Python	MYSQL	R	Power BI	Excel	Leadership	Effective Communication	Predictive Analytics	Statistical Modelling

POSITION OF RESPOSIBILITY

Event Head (Sankhya Club, BN Bandodkar)	**2022**

- Led a team of 10 individuals in brainstorming creative and enjoyable ideas, successfully organizing and executing 5-6 events.

AWARDS AND ACHIEVEMENTS

INSPIRE by DST Scholar for being within the top 1% at the HSC Board (Science).	**2020**

INTERESTS

Swimming, Cricket, Reading, Travelling