

Mishal Mann Nair

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About Me

Highly motivated computer science student with a keen interest in data mining, data engineering, and data-driven decision-making. Proficient in Python and SQL with a strong foundation in statistics and data visualization. I am confident in my ability to quickly learn new tools and techniques on the job. I am currently looking for an internship to apply my skills in a real world environment.

Skills

- **Soft Skills** : Critical thinking, Communication, Teamwork, Attention to detail, Time management
- **Programming Languages** : Python, R, SQL, C++, Java, MATLAB
- **Libraries** : numpy, scikit-learn, TensorFlow, matplotlib, seaborn, BeautifulSoup, scrapy
- **Tools** : Jupyter, Git, Power BI, MS Excel, MS Word, MS PowerPoint, Canva, Figma
- **Databases** : Microsoft SQL Studio, MySQL, PostgreSQL (basics)
- **Soft Skills** : Critical thinking, Communication, Team Player, Empathy
- **Languages Spoken** : English, Malayalam, Hindi, Dhivehi

Education

Multimedia University, BSc Computer Science

July 2023 – July 2026

- **GPA**: 3.97/4.0
- **Coursework**: Object-Oriented Programming, Data Structures, Objected-Oriented Analysis, Discrete Structures & Probability

IIT Madras X Intellipaat, Advanced Certification Data Science & Artificial Intelligence

August 2022 – July 2023

- **Coursework**: OOP Basics, MSSQL, Machine Learning using Neural Networks, XGBoost, ARIMA/SARIMAX Time Series, Business Intelligence, Git Basics

Loyola School, AISSE (A-Level equivalent)

July 2020 – May 2022

- **Grade**: 97.2%
- **Percentile**: 99.9%
- **Valedictorian 2022**

Projects

News Scraping Bot

- **Description**: Telegram news bot
- **Features**: Finds news articles based on a keyword; Analyses sentiment of articles;
- **Tools Used**: BeautifulSoup, requests, nltk, python-telegram-bot

Walmart Sales Analysis

- **Description**: Prediction of walmart sales using SARIMAX & ARIMA
- **Features**: Adfuller test to check stationarity; Used seasonal decomposition and ACF/PACF plots; Visualises predicted sales
- **Tools Used**: numpy, pandas, sklearn, seaborn, ARIMA, SARIMAX, statsmodels

Wordle Analysis and Solver

- **Description**: Analysed Wordle datasets for the best first guess and created a Wordle solver with an average of 3.44 guesses
- **Tools Used**: numpy, pandas

References

Zainuddin Bin Johari - Lecturer at Multimedia University
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