AMIT NAIR

**DATA ANALYST**

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*SUMMARY*

Curious and data-driven, I turn complex datasets into clear insights that guide smart decisions. I work hands- on with Python, SQL, Power BI, and forecasting to make data actually useful.

*TECHNICAL SKILLS*

**Analytical and Strategic skills:** Market research, Competitor analysis, Product planning, Time-Series Forecasting, Hypothesis Testing.

**Languages and Tools:** Python, SQL Server,

Power BI, DAX, Excel, MongoDB.

*PROFESSIONAL EXPERIENCE*

# Jr Data Analyst, LOHUM March 2024 - Present

Developed **forecasting models** and **market signal techniques** for key commodity markets using Python, and time-series analysis frameworks.

Performed **fundamental, technical, and sentiment analysis** on metal markets using NLP libraries like TextBlob.

**Scraped, collected, and analyzed** data from multiple sources using Python (requests, BeautifulSoup, Selenium) and stored data in databases and sheets for analytics.

Optimized the company newsletter by improving content design, automating email distribution and tracking engagements.

# Data Analyst Intern, MedTourEasy Jan 2024 - Mar 2024

Performed exploratory data analysis (**EDA**) using Python to identify trends, outliers, and key business insights.

Wrote optimized **SQL/MySQL queries** to extract, clean, and manipulate large datasets from relational databases.

Built interactive dashboards in **Tableau** and Microsoft Power BI to visualize KPIs and streamline stakeholder reporting.

*EDUCATION*

**B.Tech + M.Tech Integrated, Amity University Aug 2018 - Jul 2023 ** Served in NGO for 4 months.

 Completed MTC (military training camp) at Amity University Haryana campus - 2020.

*PROJECTS*

# Builidng A Modern Data Warehouse [Link to Portfolio](https://amit-nair.vercel.app/MSDW.html)

Designed a Medallion architecture-based data warehouse, integrating ERP and CRM data with end- to-end ETL workflows in SQL Server from CSV sources.

Ensured clean, analytics-ready models with normalization, business rules, naming standards, for production-grade BI architecture.

**Customer Churn Prediction with Explainable AI (XAI)** [**Link to Portfolio**](https://amit-nair.vercel.app/DCM.html) **** Developed an XGBoost-based churn prediction model using open-source data and applied SHAP to

visualize and interpret feature impacts.

 Combined ML accuracy with explainability for transparent business insights.