

Nipu Moni Dutta

Fresher Data Analyst

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EDUCATION

KAZIRANGA UNIVERSITY

MASTER OF COMPUTER

APPLICATIONS (MCA)

Assam

LINKS

GitHub:// [nipu09](https://github.com/nipu09)

LinkedIn:// [nipumoni-dutta](https://linkedin.com/in/nipumoni-dutta)

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Python • SQL

PYTHON LIBRARIES

Pandas • NumPy • Matplotlib • Seaborn

DATA ANALYSIS

Exploratory Data Analysis (EDA) • Data Cleaning • Data Preprocessing • Data Wrangling

SQL SKILLS

SELECT • WHERE • GROUP BY • HAVING • ORDER BY • JOINS (INNER, LEFT) • Subqueries • CTEs • Aggregate Functions • Window Functions

DATABASES

MySQL • SQL Server

DATA VISUALIZATION

Matplotlib • Seaborn • Charts • Graphs • Dashboards (Basic)

TOOLS & PLATFORMS

Jupyter Notebook • VS Code • Git • GitHub

ANALYTICS CONCEPTS

Business Metrics • KPIs • Customer Segmentation • Trend Analysis • Descriptive Analytics

CERTIFICATIONS & LEARNING

IBM

Data Science Certification (Hands-on learning with Python, data analysis concepts, and real-world datasets)

ADDITIONAL LEARNING

Data Analysis with Python (Self-learning via YouTube & Hands-on Projects)

SQL for Data Analysis (Practice-based learning)

PROFESSIONAL SUMMARY

Detail-oriented Data Analyst fresher with strong skills in SQL, Python, Pandas, and Exploratory Data Analysis (EDA). Hands-on experience analyzing real-world datasets, writing optimized SQL queries, and generating actionable insights through data analysis and visualization. Seeking an entry-level Data Analyst role to apply analytical and problem-solving skills in a professional environment.

PROJECTS

CUSTOMER SHOPPING BEHAVIOR ANALYSIS | PYTHON, SQL github.com/nipu09/Custom-Shopping-Behavior-Analysis

- Conducted end-to-end Exploratory Data Analysis (EDA) on customer shopping data using Python (Pandas, NumPy).
- Performed data cleaning, missing value treatment, and outlier detection to improve data quality.
- Used SQL queries with JOINS, GROUP BY, subqueries, and aggregate functions to analyze customer behavior.
- Analyzed discount impact, product-wise sales performance, average ratings, and purchase trends.
- Created data visualizations using Matplotlib and Seaborn to present actionable insights.
- Derived business insights to support decision-making related to pricing and promotions.

EXPLORATORY DATA ANALYSIS (EDA) MODULE | SQL <https://github.com/nipu09/exploratory-data-analysis-projects>

- Identified patterns, correlations, trends, and anomalies in structured datasets.
- Applied statistical summaries and visual analysis to interpret business data.
- Presented findings in a clear, stakeholder-friendly manner.

NIELIT INTERNSHIP: ASSAMESE SPEECH-TO-SIGN LANGUAGE TRANSLATION SYSTEM | INTERNSHIP

- Built an end-to-end pipeline for speech-to-text, NLP-based gloss generation, and sign video retrieval.
- Applied text preprocessing and similarity-based matching to map sentences to sign language videos.
- Integrated the system into a Streamlit application for real-time usage.

ADDITIONAL STRENGTHS

- Strong analytical and logical thinking
- Comfortable explaining insights in simple, business-friendly language
- Quick learner with a passion for data-driven problem solving

CAREER OBJECTIVE

To start my career as a Data Analyst, where I can apply my analytical skills, SQL expertise, and Python-based data analysis to help organizations make informed, data-driven decisions.