

# Diptirani Nahak

*Data Analyst*

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📍 Hyderabad, India

## PROFESSIONAL SUMMARY

Data Analyst with 1 year of experience in **report development**, Data Analyst with 1 year of hands-on experience in data cleaning, reporting, and dashboard creation using Power BI, Excel, and SQL. Skilled in analyzing large datasets, identifying trends, and delivering clear insights to support business decisions. Strong understanding of data management, data quality checks, and KPI reporting. Experienced in collaborating with cross-functional teams and maintaining accurate documentation. Proficient in statistical analysis, problem-solving, and presenting insights to non-technical stakeholders with clarity and confidence.

## EDUCATION

College of Engineering Bhubaneswar,

2021 – 2023

*Master in Computer Application*

## EXPERIENCE

### Madul Tech Software — Data Analyst

Aug 2024 – Present | Hyderabad, India Domain: E-Commerce, Sales, Customer Analytics

#### E-Commerce Customer & Sales Analysis Project

**Tools:** Power BI, SQL, Excel | **Duration:** 7 months

- Designed and built an **interactive Power BI sales dashboard** with 8+ visuals analyzing revenue, orders, AOV, and customer segments.
- Developed **10+ DAX measures** for KPIs such as Total Revenue, Order Count, Return Rate & Customer Distribution.
- Created ETL workflows in **Power Query** and cleaned 80k+ rows of raw data using SQL for improved reporting accuracy.
- Automated **daily data refresh** and published reports to Power BI Service for leadership review.
- Identified high-performing categories and customer cohorts, helping the business optimize marketing campaigns and improve product strategy.

## Bank Loan Analysis Project

**Tools:** Power BI, SQL, Excel | **Duration:** 6 months

- Developed a **Bank Loan Analysis dashboard** to track loan approvals, active loans, risk categories, and customer demographics.
- Cleaned and transformed loan datasets in SQL using joins, aggregations & window functions for reporting.
- Created KPIs using DAX (Approval Rate, Default Rate, Avg Loan Duration).
- Enabled dynamic filtering using slicers for loan type, branch, and customer segment, improving decision-making for management.
- Reduced monthly manual reporting time by **40%** through automated views and reusable dashboard templates.

## TECHNICAL SKILLS

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### Reporting & Visualization

Power BI (Data Modeling, DAX, Power Query, Publishing, Scheduled Refresh),

**Advanced Excel** (Pivot Tables, Power Query)

### Databases & Querying

SQL (Joins, CTEs, Window Functions), MySQL, SSMS

### Programming & Analysis

Python (Pandas, NumPy, Matplotlib, Seaborn), EDA, Statistical Analysis, Data Cleaning

### Tools

Jupyter Notebook, VS Code, GitHub, Anaconda

## PERSONAL PROJECT

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### 1. Web Scraping & EDA – Data Science Job Market Insights

**Tools:** Python, BeautifulSoup, Pandas, Matplotlib, Word Cloud

- Scraped **1,200+ job listings** from TimesJobs.com using BeautifulSoup.
- Cleaned and structured data to analyze top skills, company demands, experience levels & city-wise job trends.
- Created statistical charts & word clouds for skill frequency, salary distribution & job role comparison.
- Published summarized insights highlighting top hiring companies and in-demand technologies.

## CERTIFICATIONS AND ACHIEVEMENTS

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**Data analyst course**, Naresh I Technologies (Naresh IT), *Hyderabad (2024)*

**Data analyst Internship**, SkillInfytech (SkillInfytech IT Solutions Pvt Ltd). **Data Analyst with Python by IBM (2025).**