DEEPIKA PRIYA K

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SUMMARY

- Junior Data Analyst with strong SQL and Python skills, experienced in data cleaning, reporting, and dashboard development.
- Currently working as a Software Engineer handling SQL-driven data operations, data quality checks, and automated reporting.
- Hands-on experience delivering business insights through HR and operations analytics projects using SQL, Excel, Power BI, and Tableau.

PROJECTS

IBM HR Analytics - Employee Attrition Analysis (*View Project*)
- Analyzed HR data using **SQL and Python** to identify key drivers of employee attrition.
- Performed **data cleaning, EDA, and KPI analysis** across overtime, job satisfaction, tenure, and attrition.
- Identified **high-risk employee segments** and provided actionable retention insights.
- Built **Tableau dashboards** to track attrition trends, department-wise risk, and employee metrics.

Uber Trip Demand Analysis (*View Project*)
- Analyzed Uber trip data to understand **daily and weekly demand patterns**.
- Used **SQL and Python** to aggregate trips, identify peak hours, and analyze location-based demand.
- Created **Tableau dashboards** to visualize trip volume trends and support operational planning.
- Provided insights to improve **fleet allocation and weekday demand planning**.

TECHNICAL SKILLS

SQL: Oracle, MySQL, Joins, Subqueries, Window Functions
Data Analysis: Data Cleaning, EDA, Reporting, KPI Analysis
Visualization: Power BI, Tableau, Excel
Programming: Python (Pandas, NumPy)
Tools: Git, Jira
Basic ML: Logistic Regression, Tree-based Models

EXPERIENCE

Software Engineer
Probuddy Software Solutions | Oct 2024 – Present | Bangalore, India
- Performed **SQL/PLSQL data extraction, validation, and correction** to improve reporting accuracy across MetricStream modules.
- Identified **data-quality gaps** and implemented fixes to reduce recurring reporting errors.
- Designed and customized **reports, dashboards, and automated email templates** for real-time metrics access.
- Built and optimized **workflow logic and business rules**, reducing manual effort and improving process efficiency.
- Supported **data migration** including cleansing, mapping, and validation across environments.
- Ensured **accurate, clean, and reliable data** to support analytics and reporting workflows for business users.

Software Engineer - Intern
Probuddy Software Solutions | Apr 2024 - Sep 2024 | Bangalore, India
- Assisted with **SQL/PLSQL data extraction, correction, and report preparation**.
- Helped design and validate **forms, workflows, and dashboards** for tracking internal KPIs.
- Supported **data migration and validation**, ensuring consistent datasets.
- Resolved **data-quality issues** through analysis and debugging.

CERTIFICATIONS

- 3-Month Data Analyst Internship – UMAD (Python, SQL, Excel, Power BI, Tableau)
- 30-Day Data Analyst Internship – NoviTech R&D (Python, SQL, Excel, Power BI, Tableau, ML Basics)

EDUCATION

Bachelor of Information Technology

PSNA College of Engineering and Technology (PSNACET)

2019 – 2023 | Dindigul, Tamil Nadu