DEEPIKA PRIYA K

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SUMMARY

- Aspiring Data Analyst with hands-on experience in Python, SQL, Power BI, Tableau, Excel, data cleaning, and Exploratory Data Analysis (EDA).
- Currently working as a Software Engineer with experience in SQL, PL/SQL, workflows, data migration, reporting, and automated data correction.
- Completed multiple Data Analytics internships and projects, including Supermart Grocery Sales Analysis.
- Passionate about building end-to-end data solutions and transitioning into a full-time Data Analyst role at a top company.

PROJECTS

Supermart Grocery Sales Analysis (*View Project ↗*) — Python · SQL · Power BI

- Cleaned, transformed, and analyzed retail sales data using Python and SQL.
- Conducted Exploratory Data Analysis (EDA) to identify trends, customer behavior, and seasonal demand patterns.
- Built interactive Power BI dashboards to visualize KPIs such as Sales, Profit, and Region-wise performance.
- Applied forecasting techniques to estimate future sales and support business planning.
- Published the complete end-to-end project on GitHub as part of my portfolio.

IBM HR Analytics — Employee Attrition & Performance (*View Project ↗*) — Python · SQL · Tableau · ML

- Designed an end-to-end HR analytics system to identify key attrition drivers and guide data-based employee retention strategies.
- Performed data cleaning, EDA, and feature engineering using Python (Pandas, NumPy).
- Built SQL tables and analytical queries to study department trends, salary behavior, and employee attrition patterns.
- Developed ML models (Logistic Regression, Random Forest, XGBoost) to predict attrition with **84% accuracy**.
- Identified critical attrition signals: high overtime, low job satisfaction, early-tenure employees, and low income.
- Prepared the final HR master dataset and visual dashboards in Tableau.
- Delivered actionable insights to improve employee retention and workforce stability.

SKILLS

Programming & Databases: Python, Oracle SQL, PL/SQL, MySQL, NoSQL (Basics)

Python Libraries: Pandas, NumPy, Matplotlib, Seaborn

Data Skills:

• Data Cleaning, Exploratory Data Analysis (EDA)

• Statistical Analysis (Mean, Median, IQR, Standard Deviation, Sampling & Population Basics)

• Data Visualization, Reporting

Tools & Platforms: Power BI, Tableau, Excel, Power Query, VBA Macros, Git, Jenkins, Jira

Machine Learning (Basics): Supervised & Unsupervised Learning (beginner)

Software Engineering Skills: MetricStream App Studio, Workflows, Forms, Business Rules, Low-Code / No-Code

Other: Problem-Solving, Analytical Thinking

EXPERIENCE

Software Engineer   Oct 2024 - Present
Probuddy Software Solutions   *Bangalore, India*

A full-time role focusing on SQL-based data operations, custom workflows, and MetricStream platform development.
  · Worked on SQL & PL/SQL–based data extraction, correction, validation, and migration across MetricStream modules.
  · Designed and built custom forms, workflows, reports, and dashboards using MetricStream App Studio.
  · Developed and customized client-specific reports and automated email templates.
  · Supported complex data migration activities, including issue resolution and data validation.
  · Collaborated with cross-functional teams to troubleshoot data issues and optimize business workflows.

Software Engineer - Intern   Apr 2024 - Sep 2024
Probuddy Software Solutions   *Bangalore, India*

Hands-on internship focusing on SQL based data operations, form design, and data validation.

  · Assisted in SQL & PL/SQL tasks for data extraction, correction, and report generation.
  · Helped design forms, workflows, and dashboards under senior guidance.
  · Contributed to initial stages of data migration and validation in MetricStream.
  · Supported debugging activities and fixed minor data quality issues.

CERTIFICATIONS

  • **30-Day Data Analyst Internship – NoviTech R&D Pvt. Ltd.**
    (Python, SQL, Excel, Power BI, Tableau, EDA, ML Basics) - ***View Certificate ↗***

  • **3-Month Data Analyst Internship – UMAD (Unified Mentoring & Advanced Development)** (Ongoing)

EDUCATION

Bachelor of Information Technology, **PSNA College of Engineering and Technology** (PSNACET)
Dindigul, Tamil Nadu   2019 - 2023

INTERESTS
  • Data Visualization, Problem-Solving, Machine Learning Concepts, Learning New Technologies