DHARANENDRA UPADHYE

Data Analyst Fresher — Python — SQL — Power BI

upadhyedharanendra9@gmail.com +91 8762031009
linkedin.com/in/dharanendra-upadhye-0b3a12306

Profile

Entry-level Data Analyst with hands-on experience in Python, SQL, Excel, and Power BI. Transitioning from a Firmware Engineering background with experience in data extraction, log analysis, automation, and validation. Seeking a Data Analyst fresher role to apply analytical skills, build dashboards, and support data-driven business decisions.

Technical Skills

- **Data Analysis:** Data cleaning, preprocessing, EDA, KPI definition
- **SQL:** Joins, subqueries, aggregations, window functions
- **Python:** pandas, numpy, matplotlib
- **Dashboards:** Power BI, Excel
- **Databases & Tools:** PostgreSQL, MySQL, MongoDB, Snowflake
- **Collaboration & Tracking Tools:** Git/GitHub, JIRA, Confluence

Data Analytics Projects

Purchase Pattern Analysis (Python, SQL, Power BI)

- Analyzed customer transaction data to identify purchase patterns, sales trends, and high-value customers
- Used SQL and Python for data extraction, cleaning, and exploratory analysis
- Built interactive Power BI dashboards to visualize KPIs and support business insights

Movie Database Analysis (SQL)

- Performed in-depth SQL analysis on structured movie datasets to extract business insights
- Wrote optimized SQL queries using joins, aggregations, subqueries, and window functions
- Analyzed movie popularity, revenue contribution, director productivity, and performance trends

System Log Analysis & Automation (Python)

- Analyzed large volumes of device and system logs to identify failure patterns and performance trends
- Automated data extraction and validation using Python scripts to reduce manual analysis effort
- Converted unstructured log data into structured datasets for reporting and analysis

Professional Experience (Technical Background)

Firmware Engineer (Technical Background) — Bits N Bytes Soft Pvt. Ltd. **Jun 2024 – Present**

- Extracted and analyzed operational data from embedded devices to validate system performance
- Worked with CAN and UART data streams, identifying anomalies across multiple test scenarios
- Used Python-based tools to automate data validation, testing, and result reporting
- Ensured data integrity before transmitting structured data to cloud systems
- Collaborated with cross-functional teams using JIRA and Confluence to track tasks and document work

Technical Projects

CAN Data Communication & Validation

- Designed and validated structured data packets for multi-node communication systems
- Compared on-device data logs with transmitted datasets to ensure consistency and accuracy
- Analyzed communication metrics to detect data loss and anomalies

Sensor Data Analysis & Testing Automation

- Analyzed accelerometer and tilt-angle sensor data under different operational scenarios
- Automated test data capture and comparison using Python scripts
- Structured raw sensor outputs into datasets suitable for further analysis

Education

B.E. Electrical & Electronics Engineering (CGPA: 8.01) **2020 – 2023**
KLS GIT, Belagavi

Strengths

- Analytical Thinking
- Data Interpretation
- Problem Solving
- Quick Learner