

PRAVIN KUMAAR K

Fresher Business Analyst | SQL | Power BI | Healthcare Analytics

9976129936 | pravinkumaar39@gmail.com | Tamil Nadu, India | [linkedin.com/in/pravin-kumaar-k](https://www.linkedin.com/in/pravin-kumaar-k) | github.com/PravinKumaar-Analytics

PROFESSIONAL SUMMARY

B.Tech Information Technology graduate (2026) with hands-on project experience in requirement analysis, user flow design, business process understanding, and KPI reporting. Designed and built SmartHealthcare — an AI-assisted hospital appointment booking and patient dashboard — by defining patient portal features, admin workflows, appointment booking flows, role-based dashboards, and database requirements. Skilled in SQL, Excel, Power BI, and healthcare analytics. Seeking a Business Analyst role to contribute to data-driven decision-making and process improvement.

TECHNICAL SKILLS

Business Analysis: Requirement Analysis, Requirement Gathering, User Flow Design, Business Process Analysis, Use Case Preparation, Functional Requirement Documentation

Data Analysis & Reporting: SQL, MySQL, Microsoft Excel, Power BI, KPI Reporting, Business Reporting, Dashboard Planning, Data Visualization

Analytics: Data Cleaning, Data Validation, Exploratory Data Analysis, Trend Analysis, Healthcare Analytics, Sales Analysis

Technical Understanding: REST API Basics, FastAPI, React.js, JWT Authentication, Relational Databases, GitHub

Tools: Power BI, Excel, MySQL, VS Code, Jupyter Notebook, GitHub

PROJECTS

SmartHealthcare – Hospital Appointment Booking & Patient Dashboard

Tech: React.js, FastAPI, MySQL, SQLAlchemy, JWT Authentication, Tailwind CSS, REST API | **Role:** Business Analysis, Requirement Planning, Healthcare Workflow Design

- Designed and built an AI-assisted hospital appointment booking web application by identifying requirements for patients, admins, city admins, state admins, and super admins.
- Mapped the complete patient journey — new registration, OTP login, doctor selection, appointment booking, status tracking, and appointment history.
- Defined patient dashboard requirements: queue token numbers, estimated wait time, doctor details, appointment status, and visit history.
- Documented admin portal workflows for managing patients, doctors, branches, availability, notifications, and hospital KPI monitoring.
- Planned MySQL database structure for patients, doctors, appointments, branches, and healthcare analytics aligned with reporting needs.

Retail Sales Data Warehouse & Analytics

Tech: MySQL, SQL, Power BI, ETL, Data Warehousing | **Role:** Business Reporting, Data Analysis, KPI Tracking

- Designed a retail sales data warehouse using Bronze, Silver, and Gold layer architecture to convert raw data into business-ready analytical reports.
- Built SQL views, fact tables, dimension tables, and Power BI dashboards to analyze sales trends, product performance, and KPIs.

Swiggy Sales Analysis Dashboard

Tech: Python, Pandas, Streamlit, Plotly | **Role:** Sales Analysis, Dashboard Reporting, Business Insights

- Developed an interactive dashboard to analyze food delivery sales, order trends, city-wise revenue, ratings, and category-level performance.
- Created KPIs including total sales, average order value, total orders, average rating, and quarterly business trends.

Hospital Patient Recovery Analysis Dashboard

Tech: Microsoft Excel, Pivot Tables, Charts, Data Analysis | **Role:** Healthcare Reporting, KPI Analysis, Dashboard Design

- Built an Excel dashboard to analyze patient recovery rates, treatment costs, length of stay, and department-wise and doctor-wise outcomes using pivot tables, slicers, and KPI cards.
- Used pivot tables, slicers, KPI cards, and charts to present healthcare insights for decision-making across departments, age groups, and gender.

INTERNSHIP EXPERIENCE

Data Analyst Intern | Pitechpedia OPC Pvt Ltd | Oct 2025 – Nov 2025

- Worked on data cleaning, validation, and business insights generation using SQL, Excel, Python, and Power BI.
- Prepared reports and dashboards to support data-driven decision-making within the organization.
- Analyzed datasets to identify trends, patterns, and key business metrics for operational review.

EDUCATION

B.Tech – Information Technology | Sri Sairam Institute of Technology, Chennai | 2026 | CGPA: 7.5 / 10

CERTIFICATIONS

- Deloitte Data Analytics Job Simulation – Forage
- Data Analyst Course – Besant Technologies, Tambaram
- Data Analyst Internship Certificate – Pitechpedia OPC Pvt Ltd