PREM KUMAR GARA

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Professional Summary

Entry-level Data Analyst with hands-on experience transforming raw data into actionable business insights using Excel, SQL, and Power BI. Delivered 6+ analytics projects across retail, e-commerce, and healthcare domains, specializing in sales analysis, customer segmentation, and inventory optimization. Proven ability to design interactive dashboards, write complex SQL queries, and present data-driven recommendations to stakeholders. Strong analytical mindset developed through intensive research methodology and structured problem-solving. Certified in Power BI Data Visualization, SQL, and Analytics.

Technical Skills

Core Analytics Tools: Advanced Excel (Pivot Tables, Power Query, VLOOKUP, INDEX-MATCH, Conditional Formatting, Data Validation, Macros), SQL (MySQL - Complex Joins, Subqueries, Aggregate Functions, Window Functions), Power BI (DAX, Data Modeling, Interactive Dashboards, Row-Level Security)

Visualization & Reporting: Power BI (Certified), Tableau, Excel Charts & Graphs, Data Storytelling

Analytics Specialization: Sales & Revenue Analysis, Customer Behavior Analysis, Inventory & Demand Analysis, Trend Analysis, Performance Reporting

Programming: Python (Learning - pandas, NumPy, matplotlib), Jupyter Notebook, Google Colab

Core Competencies: Data Cleaning & Transformation, KPI Development, Business Intelligence, Dashboard Design, Query Optimization, Data Quality Validation

Professional Experience

Data Analyst Bootcamp   May 2025 – Present
Coding Ninjas   *Remote*

- Completed 6+ end-to-end analytics projects (Air Quality Monitoring, Healthcare Analysis, E-commerce Optimization, Retail Performance, Loan Risk Assessment, Superstore Sales) focusing on data cleaning, SQL querying, and dashboard development
- Designed and deployed 12+ interactive Power BI dashboards with advanced DAX calculations, drill-through capabilities, and row-level security, reducing reporting time by 60% and enabling real-time KPI monitoring
- Wrote 100+ complex SQL queries including multi-table joins, subqueries, CTEs, and window functions to extract insights from datasets with 50K-100K+ records, ensuring data accuracy of 95%+
- Performed comprehensive sales and revenue analysis using Excel and Power BI for retail case study, identifying top-performing product categories contributing 45% of revenue and uncovering optimization opportunities worth $200K+

- Conducted customer segmentation analysis on 50K+ transaction records using Excel pivot tables and Power BI, identifying high-value customer segment responsible for 40% of total revenue
- Built dynamic Excel models with advanced formulas, pivot tables, and conditional formatting to analyze inventory turnover rates, forecast demand patterns, and support data-driven business decisions
- Collaborated with mentors and peers in project reviews, maintained organized GitHub portfolio showcasing analytics projects, and iteratively improved dashboards based on stakeholder feedback

Independent Research Analyst   January 2021 – April 2025
Self-Directed Strategic Research (UPSC Preparation)   *India*

- Conducted systematic 4+ year research program analyzing socio-economic and statistical data from 100+ government reports, developing strong skills in data interpretation and evidence-based analysis
- Applied structured analytical frameworks to break down complex problems into measurable components, practiced hypothesis validation and logical reasoning applicable to business analytics
- Designed metric-driven project plans tracking 20+ performance indicators, demonstrating project management, prioritization, and ability to deliver consistent results under long-term deadlines
- Analyzed quantitative data from policy documents and statistical reports, strengthening analytical reading skills and ability to translate complex information into clear, actionable insights

Key Analytics Projects

Superstore Sales Performance Analysis | *Power BI, SQL, Excel*   **2025**

- Analyzed 3+ years of sales data using SQL queries and Power BI to identify seasonal trends, regional performance gaps, and product category profitability, recommending inventory reallocation strategy projected to increase margins by 18%
- Created comprehensive Power BI dashboard with 15+ KPIs including revenue by region, customer lifetime value, profit margins, and sales trends, enabling executives to monitor business performance in real-time

- Used advanced Excel functions and pivot tables to perform cohort analysis and identify patterns in customer purchasing behavior across different time periods

E-commerce Customer Segmentation | *Excel, Power BI, SQL* **2025**
- Segmented 50K+ customers using RFM (Recency, Frequency, Monetary) analysis in Excel and SQL, identifying high-value segment contributing 40% of revenue and informing targeted marketing campaigns
- Built interactive Power BI dashboard visualizing customer segments, purchase patterns, and lifetime value metrics, enabling marketing team to prioritize retention strategies
- Analyzed shopping cart abandonment rates and conversion funnels using SQL queries, identifying drop-off points and recommending UX improvements

Healthcare Operations Dashboard | *Power BI, SQL, Excel* **2025**
- Designed operational Power BI dashboard tracking patient wait times, appointment utilization, treatment outcomes, and resource allocation across multiple facilities
- Wrote SQL queries to aggregate and transform patient data from multiple sources, ensuring data quality and creating unified views for analysis
- Analyzed appointment scheduling patterns using Excel pivot tables, identifying peak hours and recommending staffing adjustments to reduce wait times by 25%

Retail Inventory & Demand Analysis | *Excel, SQL, Power BI* **2025**
- Analyzed inventory turnover rates and stock levels using SQL and Excel to identify slow-moving products and overstocked items, recommending strategies to reduce holding costs
- Created Power BI dashboard monitoring inventory levels, reorder points, and demand forecasts, supporting supply chain decision-making

Education

Indian Institute of Information Technology, Pune **2016 − 2020**
Bachelor of Technology in Electronics and Communications Engineering

Certifications

Data Visualization with Power BI | SQL for Data Analysis | Introduction to Analytics & Excel