

Namrata Patil

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Git hub: <https://github.com/Namratap1908/ev-charging-analytics>

PROFESSIONAL SUMMARY

- Business Systems Analyst skilled in SQL, Python, Power BI, Tableau, and Excel (VBA) for data-driven decision-making.
- Experienced in process optimization and workflow automation, improving efficiency by up to 30%.
- Proficient in data transformation, cleaning, integration, and dashboard development for accurate reporting.
- Expertise in KPI analysis, predictive modeling, and delivering actionable insights to support strategic decisions.
- Skilled at translating stakeholder requirements into functional specifications and supporting system enhancements.
- Strong cross-functional collaboration, project management, and presentation skills.

SKILLS

Certifications: Google Analytics Certified (2025–2026), LinkedIn Learning: Introduction to Career Skills in Data Analytics, Learning Data Analytics: Foundations.

Technical Skills & Programming languages: Power BI, Tableau, SQL, MySQL, Financial process support, System testing and maintenance Looker Studio, Python (Pandas, NumPy), Data Analysis & Visualization, Dashboard Development, Data Modeling **Key Competency:** Data Interpretation, Trend Analysis, Business Intelligence, Strategic Decision-Making, Forecasting, Agile Collaboration, Process Optimization, Revenue Impact Analysis, Report Customization, Presentation & Communication

EXPERIENCE

Business Analyst | Aptech | Client: Wharton & Garrison LLP

Jan 2025 – Aug 2025

- Collaborated with finance and operations teams to identify process inefficiencies and develop data-driven solutions, improving workflow efficiency by 30%.
- Designed and maintained interactive Power BI dashboards to track KPIs, revenue metrics, and operational performance.
- Automated Excel-based reporting using advanced formulas and VBA, reducing manual effort by 25%.
- Performed SQL queries and data transformations to consolidate data from multiple sources, improving data accuracy by 20%.
- Conducted requirement-gathering sessions and translated stakeholder inputs into functional specifications.
- Supported UAT and testing of new system features, ensuring alignment with client requirements.
- Delivered presentations and insights to client leadership to enable strategic decision-making.

Data and Inventory Operations Analyst | Deroza Cafe | University of the Pacific

Dec 2023 - Dec 2024

- Automated Excel-based inventory tracking using advanced formulas and VBA, reducing manual workload by 25%.
- Resolved system and data discrepancies acting as liaison between operations and IT teams.
- Facilitated requirement-gathering workshops and documented functional specifications.
- Tested and maintained Excel dashboards to support departmental decision-making.

Data Science Intern | Sparks Foundation, Mumbai, India

Dec 2022 - Jun 2023

- Performed data transformation on large datasets using OpenPyXL and Pandas, reducing inconsistencies by 35%.
- Delivered automated financial process insights for gateway validation to mitigate risk exposures.
- Created functional flow diagrams and process charts, streamlining handoffs and reducing errors by 20%.
- Diagnosed supply chain inefficiencies using SPC, resolving bottlenecks by 20%.

Data Analyst Intern | Eduvance, Mumbai, India

Apr 2022 - Nov 2022

- Led a team of 4 analysts to execute data-driven process improvements, enhancing profitability margins by 28%.
- Transformed 100K+ rows of raw data using Pandas and OpenPyXL, increasing accuracy by 35%.
- Developed real-time fraud detection logic for a prototype gateway, reducing risk exposure by 50%.
- Delivered insights from 250K+ records, supporting 4 key business decisions aligned with KPIs.
- Streamlined 10+ data workflows through automation, reducing turnaround time by 25%.

PROJECTS

EV Charge Station Growth Analysis | University of the Pacific

- Extracted insights from **10,000+** EV charging station records using **Python** and **SQL**, pinpointing key trends in growth and connector types, visualized via an interactive Stream lit dashboard for stakeholders.
- Constructed SQL queries merging electric vehicle charging station data with U.S. Census Bureau population data, facilitating station density calculations per capita across all 50 states.

Customer Churn Prediction – Telecom Sector | University of the Pacific

- Supervised **ML** model using Logistic Regression & Decision Trees, achieving **92% prediction accuracy** for churn behavior.
- Analyzed over **10,000 customer records** to identify behavioral and service usage patterns influencing attrition.

Performance Analytics & KPI Dashboard for T20 World Cup Teams | University of the Pacific

- Processed & cleaned **500,000+** records & developed **5** interactive **Power BI dashboards** to extract performance metrics.
- Delivered actionable insights highlighting the **top 5 KPIs** impacting team success, supporting strategic commentary.

Multi-Attribute Diamond Valuation and Cost Optimization | University of the Pacific

- Conducted in-depth pricing analysis on **50,000+** diamond listings by evaluating cut, clarity, color, and carat.
- Built Excel dashboards using pivot tables, scatter plots, and heatmaps to identify pricing anomalies and guide data-driven cost optimization.

EDUCATION

University at Pacific | GPA - 3.8/4.0 Aug 2023 – Dec 2024

Master of Science in Business Analytics
Mastered data analysis, visualization, and predictive modeling through a STEM-focused MS in Business Analysis, applying SQL, Tableau & Python in real-world projects to deliver measurable business impact.

B.N Bandodkar , Mumbai, India | GPA - 3.8/4.0 Aug 2021 – Mar 2023

Bachelor of Science in Information Technology