GULSHAN GUPTA

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PROFESSIONAL SUMMARY

Data Science undergraduate and IT & Research Intern with hands-on experience in SQL, Python, and Power BI. Skilled in data cleaning, exploratory data analysis, dashboard development, and KPI reporting, with a track record of turning raw datasets into actionable business insights and building machine learning models. Seeking a Data Analyst role to apply strong analytical, visualization, and problem-solving skills in a fast-paced IT environment.

TECHNICAL SKILLS

Programming & Query Languages: Python, SQL

Data Analysis Libraries: Pandas, NumPy, Scikit-learn, Matplotlib

Business Intelligence & Visualization: Power BI, Excel (Advanced), Power Query, DAX

Databases: PostgreSQL, MySQL

Core Competencies: Data Cleaning & Wrangling, EDA, Statistical Analysis, Machine Learning, Dashboard Development, KPI Reporting, Data Visualization

PROFESSIONAL EXPERIENCE

AI & Research Intern — SequestraBionix Foundation **Jun 2026 – Present**

- Cleaned and processed structured datasets using Python, SQL, and Excel, improving data accuracy and consistency for downstream analysis.
- Performed exploratory data analysis to identify trends and patterns, generating actionable insights for business decision-making.
- Developed interactive Power BI and Excel dashboards to track key metrics and support stakeholder reporting.
- Wrote SQL queries for data extraction, transformation, and reporting across multiple structured datasets.
- Collaborated with cross-functional research and analytics teams to align data outputs with project goals.
- Presented analytical findings and KPI reports to stakeholders using clear visualizations.

Tools: Python, SQL, PostgreSQL, Excel, Power BI

PROJECTS

Customer Churn Prediction Using Machine Learning

- Cleaned and preprocessed 7,000+ customer records using Python and SQL to prepare data for modeling.
- Conducted exploratory data analysis (EDA) to uncover key churn drivers and customer behavior patterns.
- Built and compared Logistic Regression and Random Forest classification models to predict customer churn.
- Evaluated model performance using Accuracy, Precision, Recall, F1-Score, Confusion Matrix, and ROC-AUC.
- Translated model outputs into business recommendations to improve customer retention strategies.

Tools: Python, SQL, Pandas, NumPy, Scikit-learn, Matplotlib

Mumbai Local Railway Passenger Traffic & Congestion Analysis Dashboard

- Developed an interactive Power BI dashboard analyzing 3,000+ passenger records, using Power Query for data cleaning and transformation.
- Built custom DAX measures to quantify congestion levels and station-wise utilization, delivering insights for data-driven transportation planning.

Tools: Power BI, DAX, Power Query, Excel

Personal Finance Dashboard

- Designed an end-to-end Power BI dashboard analyzing income, expenses, savings, and investments, with KPI cards and monthly summaries.
- Built drill-through reports and interactive filters to surface spending trends and inform practical budgeting decisions.

Tools: Power BI, Excel

EDUCATION

Bachelor of Science in Data Science — South Indian Education Society (SIES) **May 2024 – Present**

Higher Secondary Certificate (HSC) — Tilak College of Science and Commerce **70.00%**

Secondary School Certificate (SSC) — Sainath English High School **76.40%**

CERTIFICATIONS

- Oracle AI Certified Foundations Associate
- IBM SkillsBuild — Data Fundamentals
- Cisco Data Analytics Essentials
- Tata Forage — Data Visualization: Empowering Business with Effective Insights