

# Ganraj Puyad

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## SUMMARY

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Highly analytical Data Professional with a Computer Science foundation from VIT and expert-level proficiency in Google Sheets and Microsoft Excel. Certified in Google Advanced Data Analytics with a proven track record of using Python and SQL to automate reporting and drive operational efficiency. Specialized in translating complex datasets into clear English-language business insights.

## EDUCATION

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### Vellore Institute of Technology

India

Bachelor of Technology in Computer Science and Engineering

Cumulative GPA: 8.03/10.0

Relevant Coursework: Data Analysis, Machine Learning, Software Engineering, Algorithms, Artificial Intelligence

## SKILLS

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**Spreadsheet Engineering:** Excellent with Google Sheets & Microsoft Excel; Expert in Pivot Tables, V-LOOKUPS, H-LOOKUPS, Duplicate Removal, Data Validation, and Conditional Formatting.

**Programming:** Python (Pandas, NumPy, Scikit-learn), SQL (Advanced Querying, Joins, CTEs).

**Data Visualization:** Tableau, Matplotlib, Seaborn.

**Analysis:** Data Cleaning, Statistical Analysis, Hypothesis Testing, Machine Learning.

**Soft Skills:** Data Storytelling, Stakeholder Communication, Technical Reporting (English), Attention to Detail.

## PROJECTS

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### Salifort Motors Employee Retention

- Developed and fine-tuned a Tree-Based ML model that predicted employee attrition with 91% Recall and 87% Precision, enabling the HR department to accurately identify high-risk employees
- Conducted in-depth Exploratory Data Analysis (EDA) on 15,000 records to isolate and quantify the Top 3 risk factors for attrition, providing insights estimated to reduce potential annual turnover costs by \$500,000
- Structured the entire project workflow using the PACE strategy and delivered an Executive Summary that secured immediate buy-in from senior leadership on proposed retention strategies

### TechMart Operational Analysis

- Managed 100% data integrity for sales and inventory datasets using advanced Excel duplicate removal and data cleaning protocols.
- Optimized complex SQL queries (CTEs, Window Functions, Joins) to extract key sales and inventory metrics across global markets, improving data retrieval efficiency.
- Produced a final Data Analyst Report translating technical SQL findings into clear, actionable insights for leadership, focusing on identifying top-selling products and optimizing inventory levels for high-demand items

### Industry Case Studies: Data Science

- Generated over 10+ actionable, data-driven insights for three distinct industry case studies (Consumer Goods, Banking, and Technology) by leveraging Python libraries (Pandas, NumPy) and advanced statistical methods
- Successfully implemented 2-3 supervised and unsupervised Machine Learning models on an industry dataset, improving prediction accuracy by 15% through rigorous data pre-processing
- Streamlined end-to-end data workflows from cleansing and feature engineering to algorithm execution and visualization using Colab Notebooks

## CERTIFICATIONS

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- Tableau Business Intelligence Analyst Professional Certificate
- Google Advanced Data Analytics Professional Certificate
- Google Business Intelligence Professional Certificate
- IBM Data Science Professional Certificate
- Passed HackerRank SQL (Intermediate) Certificate examination