John Doe

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WORK HISTORY

Volunteer Data Analyst   **Jul 2025 – Present**
Local Restaurant Owner   *City, State*
- Created dynamic Excel templates and macros to automate monthly Profit & Loss reporting cutting manual reporting time by ~40%.
- Digitized and structured 300+ vendor invoices into a searchable Excel database, enabling streamlined expense analysis and reducing retrieval time by 60%.
- Developed Excel pivot tables and visual dashboards highlighting spending trends and high-margin products, improving purchasing decisions and reducing beverage costs by ~10%.

Graduate Teaching Assistant   **Mar 2024 - Dec 2024**
State University   *City, State*
- Designed detailed grading rubrics and led interactive review sessions for 200+ students, improving average exam scores by 22% across two cohorts.
- Led weekly office hours which enabled non-technical students to raise grades by an average of 1.2 letter grades.

Analyst, Marketing Measurement   **Aug 2022 - Apr 2023**
Company   *City, State*
- Partnered with cross-functional stakeholders in Agile sprints to define KPI-driven data requirements, aligning analytics outputs with business objectives.
- Collaborated with data engineering teams to design and validate ETL pipelines across CRM, Ads, and Analytics data, improving data accuracy and accessibility by 25%.
- Automated Excel-based reports into Tableau dashboards for campaign and banner tracking, cutting reporting time by 75% and eliminating manual prep.

Data Intern   **Apr 2022 - Aug 2022**
Company   *City, State*
- Worked cross-functionally with marketing, product, and analytics teams to ensure consistent pipeline output and reporting logic reducing storage from 2TB to 25GB and boosting query performance while cutting costs.
- Implemented incremental extracts in dashboards, reducing load times by 64% and enabling daily refreshes for real-time executive access.

PROJECTS

Fantasy Player Recommender System | *(Pandas, NumPy, scikit-learn), SQL, Jupyter, GitHub*   **October 2025**
- Designed an end-to-end machine learning pipeline automating data collection, cleaning, and transformation of 5 seasons of FPL player data using Python and SQL, creating a structured dataset for model training.
- Engineered advanced features (expected points, rolling form, fixture difficulty) and trained regression and ranking models (Random Forest, XGBoost) using scikit-learn to predict player performance.
- Deployed model predictions via auto-refreshing Tableau dashboards integrated with SQL outputs, enabling real-time performance ranking and reducing manual team selection time by 85%.

Marketing Performance Dashboard | *Google Ads, Snowflake, GCP, Python, Pandas, SQL, Tableau*   **April 2023**
- Engineered an ETL pipeline to integrate CRM data into Snowflake/GCP, reducing ad-hoc data requests by 45% and ensuring consistent hourly refreshes.
- Built a real-time Tableau dashboard tracking lead conversion, talk time, and agent performance; gave sales managers instant visibility into KPIs and improved decision-making speed.
- Delivered weekly insights that drove a 30% increase in outreach effectiveness, including identifying low-conversion lead sources and reallocating agent time toward high-quality prospects.

EDUCATION

State University | *M.Eng. Bioengineering*   *City, State*
Coursework: *R Programming, Machine Learning Applications, Statistical Modeling, Engineering Management*
University | *B.Tech. in Mechatronics Engineering & Robotics*   *City, State*

SKILLS

Languages: Python *(Pandas, NumPy, scikit-learn)*, SQL *(PostgreSQL, MySQL)*, R (basic proficiency)
Tools: Excel, Tableau, Google Cloud Platform, BigQuery, Snowflake, VS Code, Jupyter, GitHub, Jira, Slack, API's
Analytics & Methods: Data Cleaning, ETL, Statistical Modeling, A/B Testing, Hypothesis Testing, Machine Learning
Business & Communication: KPI Monitoring, Strategic Planning, Data-Driven Decision Making, Stakeholder Reporting, Data Visualization