Ashley Love

Rancho Palos Verdes, CA | ashelove6969@gmail.com | pandakitty.github.io Data Science & Business Analytics Professional

PROFESSIONAL SUMMARY

Quantitative Data Scientist and Machine Learning Specialist with dual degrees in Data Science and Business Analytics. Expert in Python, SQL, and Deep Learning for predictive models and automated data pipelines. Leveraging a foundational background as a **pediatric medical professional**, I apply a **"zero-discrepancy" mindset** to high-stakes data environments. Proven track record in improving Data Quality Indices by 25% and achieving 98.5% precision in fraud detection.

Technical Skills & Core Competencies

Category	Tools & Frameworks
Languages & Databases	Python (Pandas, Numpy, Scikit-learn, Tensorflow, Keras), SQL (PostgreSQL, 3NF Normalization, Complex Joins, CTEs)
Machine Learning & AI Deep Learning	(LSTM, RNN architectures) Random Forest, GBM, K-Means Clustering, Anomaly Detection & SMOTE for imbalanced datasets.
Advanced Analytics	Time-Series Forecasting, Sentiment Analysis (NLP), Geospatial Analysis (GeoPandas, Folium), Demand Forecasting.
Engineering & Governance	ETL Pipeline Development, Flask development; **Data Governance** (HIPPA Compliance, Data Privacy, Clinical Data Integrity).

Technical Portfolio (High Impact Projects)

Project	Technical Execution & Impact
Fraud and Risk Mitigation	Developed a model achieving **98.5% precision** using SMOTE for imbalanced datasets. Reduced financial risk by prioritizing high-recall anomaly detection
Sales Forecast	Built an **E-Commerce Revenue pipeline** using Time-Series analysis to identify seasonality and optimize inventory allocation for stakeholders.
Customer Churn	Implemented binary classification to identify churn drivers; identified "Contract Type" as a key metric for **revenue stability**
Urban Equity	Synthesized U.S. Census data using **GeoPandas** to map service deserts; provided a visual blueprint for equitable resource allocation.

Professional Experience

Role & Company	Tenure	Key Contributions & Data Impact
Waitress Ray's Place LLC	Oct 2022 – Oct 2025	**Predictive Task Prioritization** - Managed high-volume multitasking in fast-paced environments, using a **predictive mindset** to anticipate customer needs and optimize service workflow efficiency. **Resource Allocation** - Coordinated table turnover and floor coverage during peak hours to ensure maximum **operational throughput** and customer satisfaction
Medical Scribe LDTMS (Remote)	Jan 2022 – Oct 2022	**Data Translation & Fidelity:** Executed real-time dictation with **99%+ accuracy**, translating unstructured clinical dialogue into structured, high-integrity medical records. **Syntactical Accuracy:** Ensured precise medical terminology and coding, applying a **zero-discrepancy mindset** to prevent downstream documentation errors

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Pediatric Medical Prof. Southcentral Foundation	Feb 2020 – Jul 2021	**High-Stakes Metric Monitoring:** Managed critical **NICU infant metrics** with meticulous attention to detail, ensuring 100% data integrity for life-sensitive variables. **Regulatory Data Governance:** Maintained strict **HIPAA standards** while handling sensitive patient datasets, ensuring secure and compliant data lifecycles.
Technical Triage Anchorage Fracture	Apr 2019 – Jul 2019	**Cross-Platform Data Integration:** Navigated multiple **EMR architectures** (Epic, NextGen) to aggregate patient data into standardized assessment variables. **Problem Structuring:** Translated ambiguous patient symptoms into quantifiable metrics to assist in clinical diagnostic accuracy
Medical Assistant Various Clinical Roles	Jul 2014 – Mar 2019	Managed clinical records and front-office operations across various medical specialties.

Education & Honors

Institution	Degree / Award	Details
Bellevue University	**BS Data Science**	Cumulative GPA: **3.68**
Bellevue University	**BS Business Analytics**	Pursuing concurrent technical degrees in Academic Good Standing.
Honors Society	Omega Nu Lambda	Inducted for academic excellence in higher education.
Academic Lists	President's & Dean's List	Recognized for maintaining a **4.0 GPA** while carrying a full-time load.