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Summary

Data Analyst | Experienced in analyzing and interpreting complex data from **CRM**, **ERP**, and **BI systems**. Skilled in **data cleaning**, **predictive modeling**, and **data visualization** using tools like **Python**, **SQL**, and **Power BI** to deliver **data-driven solutions** and strategic insights.

Skills

- **Data Cleaning and Transformation:** Python, SQL, Excel, Elasticsearch, Git
- **Machine learning** (Regression, Classification, Ensemble Models)
- **Visualization:** Power BI, Tableau, Metabase, Matplotlib
- **Financial Reporting:** GAAP Compliance, Variance Analysis

Work Experience

Data Analyst, **Intern** | Alan Wire Company (May 2024 – August 2024)

- Delivered timely **data solutions** aligned with organizational goals by collaborating with diverse teams.
- Diminished **data interpretation time** by **60%** and expenses by **15%** by implementing advanced data transformation and visualization techniques.
- Designed **KPI dashboards** and **data models** to monitor shipping costs and support business decision.

Accounting Analyst | Tak Pardazesh Behine Pezhvak (March 2012 – May 2023)

- Ensured **100% on-time financial reporting** by evaluating quarterly and yearly data. Demanded actionable cost and revenue insights, ensuring GAAP compliance in all reports.
- Improved **data accuracy** and eliminated **reporting errors by 30**% through leadership in implementing a new **Financial Data Management System** in collaboration with IT.
- Reduced cross-departmental workflow processing time by 20% and enhanced operational efficiency by leading a team of 10 to streamline **Procure-to-Pay (P2P) workflows**, including vendor management and purchase requisition optimization.
- Conducted professional and legal training for **30+ employees**, updating professionals on changing tax and accountancy laws, resulting in bettered adherence to regulatory standards and a **25%** decrease in compliance errors.

Projects

Interactive Supply Chain Dashboards

- Created dynamic graphs outcomes using **Pandas**, **NumPy**, and **Matplotlib** to assess shipping performance, improving **cost efficiency** by **15%** and delivery reliability.

Automated Cloud-Based Email Service

- Automated email workflows using **AWS (SES, Lambda, S3)**, improving **customer engagement** and scalability by **25%** while reducing manual intervention.

Chest X-Ray Medical Diagnosis System

- Achieved 97% model accuracy by tuning classification models with **TensorFlow and Scikit-learn**, applying ensemble learning techniques and algorithms.
- Standardized and resized image data to ensure consistent model performance, reducing risks of misdiagnosis.

Education

- **Master of Computer Science** | Southeast Missouri State University, Missouri, (Aug 2023 – May 2025)
- **Bachelor of Accounting** | Raja University