JOSEPH CENICOLA • Carmel, IN • (463) 273-5603 • joe@josephcenicola.com
www.linkedin.com/in/cenicola/ • www.josephcenicola.com

Professional Summary

Target Roles: Data Analyst • Business Intelligence Analyst • Data Specialist

Data professional with 10+ years of experience transforming complex datasets into actionable insights using SQL, Python, Excel, and BI tools like Tableau. Proven track record in driving operational efficiency, improving data accuracy, and optimizing procurement and financial reporting systems for Fortune 500 companies and federal agencies. Skilled in ETL workflows, dashboard development, and data automation to support data-driven decision-making.

Technical Skills

Data Analysis & Programming: SQL, Python (Pandas, NumPy), Jupyter Notebooks, Microsoft Excel (Advanced: Pivot Tables, VLOOKUP, Macros)
Data Visualization & Reporting: Tableau, Microsoft Power BI, Excel Charts, Dashboard Development
Data Management & ETL: ETL Workflows, Data Cleaning, SQL Databases (Oracle, SQL Server, MySQL, PostgreSQL – basic familiarity), Data Warehousing
Data Integration & APIs: REST APIs, JSON
Statistical & Analytical Methods: Exploratory Data Analysis (EDA), foundational knowledge of Statistical Analysis, Data Modeling, and Predictive Analytics
SaaS Platforms: SAP Ariba, Coupa, Bonterra

Professional Experience

Data Analyst
SafeNest: Temporary Assistance for Domestic Crisis, Inc. – Las Vegas, NV | Jan 2021 – May 2021

• Analyzed workflows and reporting requirements for the Bonterra SaaS implementation.
• Created custom reports, dashboards, and KPIs.
• Collaborated with stakeholders to ensure data accuracy, streamline processes, and enhance reporting.
• Designed interim Access/Excel reporting systems to meet compliance requirements before SaaS deployment.

Data & Systems Analyst (*eProcurement Manager*)
PENN Entertainment, Inc. – Las Vegas, NV | Jan 2016 – May 2020

• Led Coupa Procure-to-Pay (P2P) implementation across 43 properties, managing data extraction, cleansing, transformation, and system integration for over 12M records and $393M in spend.
• Developed and optimized ETL processes, reducing manual data preparation by 40% and improving data accuracy from 55% to 98%.
• Managed a team of five analysts and 1,000+ supplier onboardings, meeting 24-hour SLA for issue resolution.
• Increased e-invoicing adoption from under 25% to over 70% via vendor engagement and automation.
• Developed dynamic spend reports and compliance dashboards using SQL and advanced Excel functions.
• Collaborated with consulting firms and vendors to improve system performance and data integrity.

Pricing & Systems Analyst • SAP Ariba P2P Lead
Caesars Entertainment, Inc. – Las Vegas, NV | Nov 2013 – Jan 2016

• Led SAP Ariba P2P implementation across 36 properties, including catalog integrations (punchout, ordering, invoicing) and module administration.
• Managed data migration for 300K+ records per site, ensuring ERP compatibility via data cleansing, mapping, and test uploads.

• Maintained reporting dashboards (integrating SAP Ariba and Tableau) to track $800M+ in spend and 2.2M+ daily transactions.
• Developed and automated the Enterprise Pricing Management (EPM) system to ingest vendor pricing files, eliminate manual data entry, and achieve the company's lowest historical price variance rates.
• Led consolidation of two pricing systems and developed custom Microsoft Access applications to monitor performance metrics.

Senior Project Manager | Bureau of Land Management (BLM)
Senior Interagency Project Manager | National Park Service (NPS)
U.S. Department of the Interior | Mar 2010 – Nov 2013

• Led $200M+ cross-agency initiatives under the Southern Nevada Public Land Management Act, managing logistics, budgets, and contracts to ensure efficient resource allocation and timely project completion.
• Utilized ArcGIS and GPS for data collection, route mapping, and operational planning, improving spatial data accuracy.
• Analyzed performance data across multiple teams and agencies; produced executive reports.

Senior Business Analyst • Data and Reporting Systems Specialist
NexGen Technologies, Inc. (contractor to BLM) | May 2004 – Mar 2010

• Developed and managed a financial data warehouse supporting $3B+ in public land project funding.
• Created interactive dashboards and audit reports for land sales, auction revenue, and project expenditures.
• Led development of web-based software to track federal project planning and funding performance.
• Designed databases for live land auctions, enabling real-time financial projections.

Professional Development During Overseas Relocation

Career Break – Relocation Abroad in Ankara, Turkey | May 2021 – May 2025
• Enhanced data analytics skills through self-paced training in Python (Pandas, NumPy) and SQL.
• Taught English part-time (TEFL certified), improving data storytelling and presentation skills.
• Achieved proficiency in Turkish through immersion and university courses.
• Supported family's diplomatic assignment while maintaining technical growth in data analysis.

Education

Boston University – M.S., **Project Management**
University of Nevada, Reno – B.S., **Computer Information Systems**

Certifications

• Data Science Professional Certificate, IBM – *Expected July 2025*
• Project Management Professional (PMP), PMI – 2020
• Coupa Platform Certification, Coupa Software – 2016