

Noah Chin

Senior Procurement Data Analyst

Chicago · IL · US

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Summary

Results-driven analytics professional with 20 years of experience across waste management, manufacturing, and logistics sectors. Expertise in translating complex procurement data into actionable insights that drive cost savings, improve supplier performance, and support strategic sourcing initiatives. Proven track record of building and governing enterprise-wide data platforms, leading cross-functional teams, and delivering measurable financial impact through advanced statistical modeling, SQL-based database management, and VBA-enhanced Excel solutions. Passionate about sustainability and continuous improvement, aligning analytical capabilities with corporate circularity and decarbonization goals.

Experience

Republic Waste Solutions (subsidiary of Republic Services, Chicago, IL)

Senior Procurement Data Analyst | 01 Jan 2021 – Present

Lead a team of 6 data analysts supporting 12 procurement categories (recycling, hazardous waste, landfill services). Designed and maintained a centralized spend analysis database (SQL Server) that consolidated data from SAP Ariba, Coupa, and legacy Excel sheets, improving data retrieval speed by 45 %. Developed a VBA-driven “Cost Savings Calculator” used by Category Managers, delivering \$12.3 M in cost avoidance in FY 2023. Conducted quarterly market trend models that identified emerging polymer recycling technologies, enabling the launch of two new polymer-center contracts worth \$8 M annually. Partnered with the Sustainability Innovation team to quantify carbon reduction benefits of alternative material sourcing, supporting the company’s CDP climate goals. Recognized with the “Data Excellence Award” (2022) for outstanding analytical contributions to the acquisition of a regional recycling firm.

- \$18 M total cost reduction over two years through spend rationalization, supplier consolidation, and predictive pricing models.
- Reduced data quality defects by 30 % via implementation of validation rules and automated data cleansing scripts.

EcoLogix Manufacturing (Chicago, IL)

Procurement Analytics Manager | 01 Mar 2016 – 01 Dec 2020

Promoted from Senior Analyst (see below) after 2 years of leading a high-impact spend visibility project. Managed a cross-functional team of 4 analysts and 2 data engineers, overseeing end-to-end analytics for raw material, logistics, and equipment categories. Implemented an enterprise-wide Power BI reporting suite that delivered real-time KPI dashboards to senior leadership, cutting reporting cycle time from weekly to daily. Executed a supplier risk assessment framework that reduced high-risk supplier exposure by 22 %.

- Delivered \$9.5 M in annualized savings through strategic sourcing negotiations supported by price elasticity models.

EcoLogix Manufacturing (Chicago, IL)

Senior Procurement Analyst | 01 Jan 2013 – 01 Feb 2016

Built advanced Excel models (VBA macro-driven) for price forecasting and scenario analysis. Conducted spend category deep dives, identifying \$2.1 M in duplicate contract spend.

GreenAxis Environmental Services (Dallas, TX)

Data Analyst – Procurement | 01 Jun 2009 – 01 Dec 2012

Consolidated disparate procurement data sources (Oracle, CSV files) into a single Access database, improving data accessibility for the sourcing team. Supported senior procurement leadership with monthly spend trend reports and ad-hoc cost-benefit analyses for new waste treatment technologies.

- Created an automated “Supplier Scorecard” template adopted company-wide, enhancing supplier performance tracking accuracy by 15 %.

National University – Graduate Assistant, Business Analytics

Research Assistant | 01 Sep 2007 – 01 May 2009

Assisted professor in econometric research on supply chain risk, producing data sets and statistical models published in the Journal of Supply Chain Management.

Education & Training

Master of Business Administration (MBA), Supply Chain Management

University of Chicago Booth School of Business

01 Sep 2005 – 01 May 2007

Bachelor of Science in Business Administration, Finance (Minor: Statistics)

University of Texas at Austin

01 Sep 2001 – 01 May 2005

Skills

Data Analytics & Modeling, Procurement & Spend Analysis, Statistical Techniques, Process Improvement, Project & People Leadership, Business Communication, Tools & Systems, Financial Acumen, Regulatory & Environmental Knowledge, Additional Skills

Languages

English | – Present

Native speaker

Mandarin | – Present

Professional working proficiency

Certifications & Credentials

Lean Six Sigma Green Belt | 2020-01-01

American Society for Quality (ASQ)

Certified Procurement Data Analyst (CPDA) | 2021-01-01

Institute for Procurement Excellence

Microsoft Certified: Data Analyst Associate (Power BI) | 2022-01-01

Awards

Data Excellence Award | 2022-01-01

Republic Waste Solutions

Recognized with the “Data Excellence Award” (2022) for outstanding analytical contributions to the acquisition of a regional recycling firm.

Awarded “Data Excellence” | 2022-01-01

Republic Waste Solutions

Awarded “Data Excellence” (Republic Waste Solutions, 2022) for developing a predictive pricing model adopted enterprise-wide.

Projects

Notable Accomplishments | – Present

\$30 M total cost savings across three employers over a five-year period through data-driven sourcing strategies. Reduced procurement cycle time by 38 % by automating spend analysis workflows and implementing self-service dashboards. Awarded “Data Excellence” (Republic Waste Solutions, 2022) for developing a predictive pricing model adopted enterprise-wide. Published research on “Quantitative Risk Assessment in Hazardous Waste Procurement,” Journal of Supply Chain Management, Vol. 14, No. 3, 2009.

Publications

Quantitative Risk Assessment in Hazardous Waste Procurement | 2009-01-01

Journal of Supply Chain Management

Published research on “Quantitative Risk Assessment in Hazardous Waste Procurement,” Journal of Supply Chain Management, Vol. 14, No. 3, 2009.

Interests

Urban gardening | – Present

Renewable energy policy | – Present

Marathon running | – Present

References

Available upon request

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