Michal Kuderski

Healthcare Data Analyst

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PROFILE

Statistics graduate with healthcare analytics project experience in SQL and Excel. Analyzes Medicare payments and utilization, validates data quality and communicates findings through clear reports.

TECHNICAL SKILLS

Analysis SQL/PostgreSQL (CTEs, window functions), Python (pandas, scikit-learn), R
Reporting Excel (PivotTables, dashboards), Power BI Service, DAX, Power Query
Methods Data validation, KPI reporting, dimensional modeling, forecasting, regression

SELECTED ANALYTICS PROJECTS

Medicare Provider Spending Analysis

SQL | PostgreSQL | Excel | CMS 2023 Illinois psychiatry data

- Modeled 2,460 published CMS provider-service records in PostgreSQL using CTEs and window functions; built a seven-sheet Excel workbook to analyze payments and utilization.
- Identified CPT 99214 as $5.65M, or 20.8%, of cohort payments. Distinguished charges, allowed amounts and payments; used service-unit denominators to interpret provider variation.

GridCast Energy Demand Forecasting

Python | Power BI | DAX | Power Query

- Developed an AI-assisted pipeline for 61,368 EIA-930 hourly slots. Compared five models; the selected model achieved 4.38% WAPE and 13.2% lower MAE than daily persistence on 8,735 valid 2025 test hours.
- Built a four-page Power BI Service report with 28 DAX measures. Validated refresh and filters; documented high-demand underprediction and weaker prediction-interval coverage.

GraphOS Validated Retail Analytics Demo

Python | JavaScript | HTML/CSS

- Directed AI-assisted development of a local retail analytics demo using six fictional tables with 114,256 records; independently reconciled cancellation shares across 60 channel/month groups.
- Designed answer summaries, charts and data-quality views. Verified that two saved results reopened unchanged after restart and demonstrated a separate backup and restore-copy workflow.

EXPERIENCE

Delivery Driver | Genco Delivery LLC (Amazon deliveries) Sep 2026 - Present
Manage delivery routes, scan packages and maintain delivery records.

Certified Tennis Instructor | Naperville Park District Apr 2025 - Sep 2026
Coordinated sessions for five participants, tracked progress and provided feedback.

Data Entry and Inventory Control | GEODIS Dec 2024 - Feb 2025
Verified about 100 shipment records daily and corrected Excel datasets exceeding 1,000 rows.

EDUCATION

Northern Illinois University | B.S. in Statistics May 2026
GPA 3.7/4.0 | University Honors Program | Minors: Applied Mathematics and Geography

CERTIFICATIONS

Meta Data Analyst with GenAI Professional Certificate - Coursera (2025)
Intermediate SQL - DataCamp (2025) | Data Analysis in Excel - DataCamp (2026)