

KIAH WENGER

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PROFESSIONAL SUMMARY

Analytics professional completing an M.S. in Data Science and Data Engineering, with 8+ years in analytics and 6+ years using SQL, Python, statistical analysis, and operational reporting. Builds dashboards and repeatable AI-assisted workflows, translating technical findings into clear recommendations for non-technical stakeholders.

APPLIED DATA SCIENCE AND AI PROJECTS

Agent Workflow OS (AWOS) | *AI Agents, Claude Code, Codex, Git, Workflow Automation*

- Designed repeatable AI-assisted workflows for project intake, planning, task handoffs, independent review, and evidence-based closure, with defined ownership and human approval checkpoints.
- Maintained a version-controlled library of 37 agent skills and prompts, with installation manifests and automated drift checks across Claude, Codex, Cursor, and Hermes runtimes.
- Developed structured agent progress records and reporting components capturing task state, blockers, next owner, and evidence references to support operational visibility and follow-through.

Geospatial ML Pipeline and Review Prioritization | *PySpark, Python, KMeans, Ridge, ResNet18*

- Built an end-to-end PySpark machine learning pipeline that integrated geospatial, license, ordinance, and county data into model-ready features, using clustering and predictive modeling to prioritize analyst review.
- Applied feature engineering, model validation, KMeans clustering, Ridge regression, and ResNet18 outputs to identify review patterns and package ranked geospatial insights for structured analyst decision-making.

PROFESSIONAL EXPERIENCE

DocDoc

May 2025 - September 2025

Data Analyst

San Diego, CA

- Built Python and SQL validation workflows in Snowflake for credit-risk model training data, auditing 200+ CRM fields, identifying data gaps, and improving feature reliability.
- Developed derived risk features including weighted-average FICO and 3-month rolling prepayment averages, reducing reporting errors by approximately 15% and saving 10 hours of manual work per month.
- Built funnel analysis and root cause analysis workflows to trace CRM data gaps, translate complex model requirements into clean feature tables, and share concise recommendations with non-technical stakeholders.

Ivy Energy

May 2023 - September 2024

Data Analyst

San Diego, CA

- Developed Python forecasting and automation workflows for energy operations, integrating billing and usage data to improve planning and reduce manual processing costs by \$12K annually.
- Automated SQL and Python database processes for data mining, integration, recurring analytics, and operational KPI reporting.
- Built reusable workflows that improved refresh reliability and reduced manual intervention for recurring operational analysis.

LPL Financial Holdings

April 2020 - April 2023

Business Intelligence Analyst

San Diego, CA

- Built Tableau dashboards and portfolio analytics for an \$8B book of business, translating financial trends into stakeholder-ready insights.
- Performed variance, segmentation, and portfolio analysis to identify performance drivers and support strategic allocation decisions.
- Automated recurring BI workflows and KPI reporting to improve access to decision-ready metrics across business teams.

Franklin Escrow

February 2017 - January 2019

Data Analyst

Harrisburg, PA

- Performed regression analysis, KPI dashboarding, and A/B testing on transaction and marketing data, supporting approximately \$80K in annual savings.
- Created operational dashboards that gave stakeholders clearer visibility into transaction trends, campaign performance, and customer/process improvement opportunities.

Deloitte

August 2014 - February 2017

Business Intelligence Analyst

Mechanicsburg, PA

- Created Excel and SQL KPI dashboards, performed statistical analysis on client data, and led Voice of Customer-style customer feedback analysis to support retention and churn reduction.
- Presented complex analysis results to managers in concise reporting formats that helped prioritize client work and project risks.

EDUCATION

UC San Diego | M.S., Data Science and Data Engineering

Expected May 2027

Millersville University of Pennsylvania | Bachelor's, Business

SKILLS

Python, SQL, Microsoft Excel, Tableau, Snowflake, MySQL, SAS, VBA, PySpark, Spark, Git, scikit-learn, XGBoost, KMeans, statistical analysis, forecasting, operational KPI reporting, CRM data validation, root cause analysis, stakeholder communication, Claude Code, Codex, AI agents, prompt engineering, agent skills and workflow automation.