

Matthew Ray

(909) 313-1063 | mthomray@gmail.com | Chino, CA

[GitHub](#) | [LinkedIn](#)

PROFESSIONAL SUMMARY

Data Analytics student with hands-on experience in Excel, SQL, and exploratory data analysis across large public datasets. Completed the Udacity Data Analyst Nanodegree and WGU coursework in analytics, spreadsheets, change management, and data management. Seeking internships and entry-level analyst opportunities where strong data organization, problem solving, and clear communication can support business decisions.

EDUCATION

Western Governors University — Bachelor of Science in Data Analytics Graduated: June 2026

Completed WGU Coursework: Fundamentals of Spreadsheets and Data Presentations, Introduction to Analytics, Change Management, Data Management – Applications

Additional Training: Udacity Data Analyst Nanodegree; Study.com/Sophia coursework in relational databases, database management, statistics, Python, networking, and data structures & algorithms

TECHNICAL SKILLS

Data Tools: Excel, SQL, Jupyter Notebook, Git/GitHub

Analysis: Data Cleaning, Exploratory Data Analysis, Data Visualization, Data Wrangling

Programming: Python, pandas

PROJECTS

TMDb Movies Analysis | Python, pandas, NumPy, matplotlib | [GitHub](#)

- Analyzed a 10,866-film TMDb dataset to evaluate how budget relates to revenue, return on investment, genre performance, and audience ratings.
- Prepared analysis-ready data by converting release dates, removing duplicate movie IDs, filtering unusable zero budget/revenue rows, dropping missing genres, and engineering an ROI feature.
- Identified that larger budgets generally increased revenue but not profitability, and found that genres such as Animation, Family, Adventure, Fantasy, Action, and Science Fiction led median revenue.

U.S. Flight Delays Analysis | Python, pandas, matplotlib, seaborn | [GitHub](#)

- Explored approximately 596,000 U.S. domestic flight records from 2011–2020 to investigate arrival delays, airline performance, seasonality, distance, and cancellations.
- Built exploratory and explanatory visualizations to show that departure delay strongly propagates into arrival delay, airline patterns differ meaningfully, and flight distance alone has limited predictive value.
- Used cleaned subsets, reusable plotting functions, and sampling to improve efficiency, readability, and communication of findings for a broad audience.

EXPERIENCE

360 Community Thrift — Donations Processor / Merchandise Intake Associate Chino, CA | December 2024–Present

- Inspect, clean, test, and prepare donated items for resale, using attention to detail to identify defects, verify functionality, and maintain quality standards.
- Troubleshoot electronics and assess whether repairs are practical and profitable before items move to the sales floor.
- Assist donors with alternative drop-off solutions when items cannot be accepted, using clear communication and problem solving to preserve a positive customer experience.
- Support a fast-paced intake workflow that requires organization, judgment, and consistent interaction with the public.