

# Matt Wong

Data Analyst

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San Diego, CA

Data Analyst with 3+ years of experience building scalable ETL pipelines and data warehouses using Python, SQL, and AWS. Skilled in data modeling, automation, and cross-functional collaboration to deliver clean, reliable, and actionable data systems.

## Work Experience

### Operations Data Analyst

Sep 2024 - Present

*The Loft | San Diego*

- Utilized Microsoft Excel and Focus POS data to optimize ordering schedules, ensuring timely availability of popular items and reducing stockouts during peak hours and events.
- Review past sales in Tableau and analyze invoices to forecast product demand and reconcile manual errors, ensuring popular items are fully available during peak nights and special events, improving service, data quality, and reducing lost sales.
- Developed a Python script to automate the vendor ordering process by categorizing items by supplier and sending automated email orders, cutting order processing time by 90% and improving order consistency.
- Built a Python script to track and analyze vendor price fluctuations, enabling data-driven purchasing decisions and reducing long term supply costs by taking advantage of seasonal deals.
- Translated client requirements into actionable business strategies using surveys and market research, leading to improvements in product offerings and customer satisfaction.

### Data Scientist/Devops Scientist/Bioinformatics Scientist

Nov 2021 - Apr 2024

*Navigate Biopharma | Carlsbad*

- Designed, validated, and deployed several data preprocessing pipelines to ensure efficient and accurate processing of clinical data, contributing to timely decision-making in clinical studies.
- Represented the Data Science team to Lab, Quality, and Business units.
- Guided vital clinical study choices through swift ad-hoc queries, data analysis, and large data set visualizations.
- Wrote and updated department standards and assay work instructions to document company best practices.
- Oversaw Linux servers and High-Performance Clusters for smooth data processing/storage.
- Reviewed and improved data science projects through code review, ensuring best practices were followed and GxP compliance was maintained.

### Robotic Fleet Technician

Aug 2019 - Mar 2020

*Kiwi | Berkeley*

- Developed standardized instructions for seamless field battery changes, pre-deployment hardware evaluations, and diagnoses of prevalent issues.
- Repaired and revamped a fleet of 45 food delivery robots.
- Increased workflow efficiency by reducing robot deployment time by 20%.

## Core Skills

**Language & Tools:** Python, SQL, R, Bash, Git, Javascript, HTML/CSS

**ML/AI Frameworks:** Pytorch, Tensorflow, Scikit-learn

**Data & Visualization:** Pandas, Seaborn, Tableau, d3.js, model building, transformers, deep learning, BI

**Cloud & DevOps:** AWS, Docker, Linux, Git, s3

**Core Competencies:** Cross-functional work, Work Independently, interpersonal communication skills, troubleshooting, Attention to Detail, self-driven, highly motivated

## Education

**University of California**

MS Data Science

**University of California**

BA Data Science

Relevant Coursework: Computer Science, Robotics