

Yong Huang

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Portfolio: <https://www.datascienceportfol.io/yonghuang>

Work Experience

Community Dreams Foundation | 11/2023 – 02/2024

Volunteer Data Analyst

- Extracted data (e.g., about 300k+ real estate records) from various websites with Python.
- Built Tableau dashboards (e.g., created filled maps to show property values in a county).
- Collaborated with stakeholders and team members to meet project goals and deadlines.

Skills

- **SQL:** JOIN, Subqueries, Window Functions
- **Python:**
 - Cleaned, analyzed, and visualized data (NumPy, Pandas, Matplotlib, and Seaborn).
 - Built machine learning models (Regression, Classification, and Clustering)
- **Excel:** Pivot Table, VLOOKUP, Power Query, and built dashboards.
- **Tableau**

Personal Projects

Data Professional Job Analysis

Python, Tableau

Analyzed locations, skills, educational requirements, and work types for different job titles.

- Scraped 200k+ job listings on LinkedIn.
- Extracted essential skills and educational requirements from job descriptions and standardized job titles.
- Built Tableau dashboards.

COVID-19 Global Vaccination Tracker

SQL, Tableau

Monitored and analyzed the COVID-19 vaccination status and trends in diverse geographic regions.

- Executed SQL queries to extract data and export it to Tableau.
- Built Tableau dashboards to show critical metrics in different regions.

Education

Master's Degree in Data Science | 01/2024 – 09/2025

University of Colorado Boulder, Boulder, CO

Data Structures and Algorithms, Database, Machine Learning, Nature Language Processing, and Data Mining

Google Data Analytics Certificate