

# Aubrey Waddle

## Data Engineer

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Portfolio Link: <https://blamo2214.github.io/AubreyDataAnalyst.github.io/>

Tableau Public: <https://public.tableau.com/app/profile/aubrey.waddle/vizzes>

## WORK EXPERIENCE

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Freelance Data Engineer and Analytics, Willis, Tx 01/2022 – Present  
*See my work through my portfolio link above*

### **Analytics and BI**

- Data structuring and manipulation with Excel and SQL
- Web scraping and machine learning analysis with Python and R
- Tableau and Power BI dashboards
- Storytelling with the data visualizations and statistical analysis

Financial Derivatives Trading, Willis, Tx 01/2015 – Present  
*Futures and Options*

### **Personal Account Trading**

- I have traded futures and options on crude oil, interest rates, and equity indices for the past 10 years.
- The strategies I have experience with are outright front-month directional speculation, futures calendar spreads, and options spreads (especially writing spreads).
- I am especially familiar with and am currently focused on the CBOE Volatility Index (VIX) and options spreads trading strategies on VIX ETNs that take advantage of beta slippage and theta decay.

All Seasons Pool Solutions, Willis, Tx 01/2023 – Present  
*Swimming Pool Equipment Service*

### **Owner**

- In 2023, I started and have since substantially grown a successful pool maintenance business.
- I do all my accounting myself with QuickBooks; I analyze operating expenditures and material usage with Excel routinely.

CrossFit Willis, Willis, Tx 09/2020 – 08/2022  
*Local CrossFit Gym*

### **Database Developer**

- Developed and implemented a MySQL database into a WordPress website that stored the weightlifting data of over 50 users.
- Perform database tuning and optimization to enhance application performance.
- Troubleshoot and resolve database issues, including performance bottlenecks, replication problems, and data corruption.
- Create and optimize complex SQL queries and stored procedures for efficient data retrieval and manipulation.

### Programmer/Visual Model Development

- Proficient in CNC programming and operation using industry-standard software (e.g., Mastercam, Siemens NX).
- Collaborated with design engineers to optimize CAD models for efficient machining and assembly.
- Strong knowledge of tooling selection, setup, and maintenance to ensure efficient production.

### EDUCATION

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**Southern New Hampshire University, Manchester, NH**  
Bachelor of Science — Data Analytics

06/2024

### SKILLS

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**Hard Skills:** Programming (PHP, Java), Data Warehousing (SQL), Predictive Modeling (R), Data Visualization (R, Python), Tableau and Power BI. Futures and Options Trading and Analysis

- <https://blamo2214.github.io/AubreyDataAnalyst.github.io/>