Herschel Meadow

Miami Beach, FL

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SQL, Tableau, Python, Data Analytics, Data Visualization, Pivot Tables, Excel

EDUCATION

Purdue University — Bachelor of Science in Aeronautical & Astronautical Engineering, 2021

DATA ANALYTICS TRAINING

Data Analytics Certificate Course, **Google Data Analytics Professional Certificate**

SQL: Querying and Managing Data, **Khan Academy**

Tableau Creator, **Tableau**

DATA ANALYTICS & VISUALIZATION PROJECT EXAMPLES

- **Product Revenue Dashboard.** Identified stores with the lowest and highest sales rates, quantified revenue by product, and identified average revenue by account; published a Tableau dashboard to track KPIs.
- **COVID-19 Rates Dashboard.** Quantified COVID-19 vaccination rates over time, by country, and by income group; published a Tableau dashboard to visualize results.
- **Superstore Sales and Profitability Executive Dashboard**. Quantified sales, profitability, profit ratio, and sales per customer. Visualized profit ratio by city on US map. Quantified monthly sales by segment and category over time by profitable vs. unprofitable orders.
- **Electronics Store Database Design**. Designed an electronics store database using SQL and analyzed statistics by product.
- **Furniture Store Sales Analysis.** Quantified sales rates per category, group, date, and purchase location, and determined most and least profitable store locations.

WORK EXPERIENCE

AirEV — *Aerospace Engineer*, March 2022 – September 2022

- Formulated mathematical models and other methods of computer analysis to develop, evaluate and modify aircraft simulations according to FAA engineering requirements
- Updated old code bases to reflect current electric vehicle performance to simulate accurate flight
- Lead the team in software field testing to verify the performance of prototype aircraft

Electric Future Inc. — *Aerospace Engineer*, May 2020 – March 2022

- Implemented autopilot functions for pilotless flight
- Developed data-driven propulsion solutions for next-generation electric aircraft