

CHARLES LORENZ ALMENANZA

Land Data Analyst

lorenzalmenanza@gmail.com

SUMMARY

Data Analyst with hands on experience in SQL, Python (pandas, NumPy), and Power BI, plus real estate data experience building property comps and validating market demand. Skilled at building dashboards, analyzing large datasets, and applying statistical methods to drive business insights. Background in engineering with strong analytical and problem solving skills.

EDUCATION

Bachelor of Science in Electronics Engineering

Polytechnic University of the Philippines Manila

June 2020 to Oct 2024

- Focused on data analysis, system optimization, and process improvement.

Eskwelabs Data Analytics Bootcamp

July 2025 to September 2025

- Applied SQL, Python (pandas, NumPy), Power BI, and Tableau to real world datasets.
- Delivered projects in forecasting, dashboard design, and statistical analysis.

EXPERIENCE

LAND DATA ANALYST

Dream Hill Homes Corp

- Built property comp sheets from Redfin sold data and Zamplo/Zillow data to price vacant land parcels for direct mail acquisition campaigns across multiple counties.
- Validated county level buyer demand before pricing, concentrating offers where market activity supported it rather than pricing off averages.
- Pulled and organized targeted mailing lists in Zamplo based on parcel size, location, and comp derived pricing.
- Built manual formula driven Google Sheets workflows, including feathered pricing curves and blended pricing formulas, to standardize comp sheet formatting and speed up turnaround on new county files.

PROCESS ENGINEER INTERN

Focus Wireless Philippines

- Developed Excel dashboards to track yield and downtime.
- Analyzed recurring production issues and supported root cause investigations that improved process reliability.
- Compiled and organized process data, enhancing quality improvement initiatives and decision making.

PROJECTS

Cuisine Strategy Analysis Dashboard

- Analyzed 5,000+ delivery orders (PHP 1.6M spend) with Tableau and statistical tests; found service speed had greater impact on customer satisfaction than cuisine type.
- Recommended logistics optimizations and loyalty programs, providing insights to improve retention and delivery efficiency.

Vietnam Carbon Curve Forecast

- Built a Power BI model forecasting Vietnam's CO2 trajectory (2000 to 2030) under PDP VII; highlighted coal's 51% share of emissions and projected 500M+ tons growth by 2030.
- Proposed renewable energy targets and EV adoption scenarios to guide sustainable policy decisions.

SKILLS

- Technical: SQL, Python (pandas, NumPy), Power BI, Tableau, Excel (Pivot Tables, Data Cleaning), Statistical Analysis.
- Real Estate Research: Redfin, Zillow, Zamplo, comp analysis, county demand research, direct mail list building, Google Sheets (advanced formula design).
- Business & Process: Process Mapping, Root Cause Analysis, Quality Improvement, Project Management (Agile, Predictive).