

ERNEST LOUIS

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Portfolio: [ernestlouis.github.io/portfolio/](https://github.com/ErnestLouis) | [linkedin.com/in/ernestlouis/](https://www.linkedin.com/in/ernestlouis/) | GitHub: <https://github.com/ErnestLouis>

Data Analyst

A results-driven and highly motivated individual seeking to utilize my analytical, programming and collaboration skills with a company. Passionate about employing data to solve complex problems and drive business growth as well as working with customers to develop analytical solutions based off the agreed upon key performance indicators.

Skills & Competencies

- Data: Data Retrieval, Data Cleaning, Data Visualization, Report Writing, Ad-Hoc Queries, Data Governance
- Collaboration: Communication & Presentation, Pipeline Development & Implementation, Troubleshooting
- SQL(Postgres, SQL Server, SSRS, MySQL): Data Manipulation, ETL Processes, Stored Procedures, Views
- Python: Pandas, Web scraping, Process Automation
- Excel: VLookup, XLookup, Conditional Formatting, Pivot Tables, Advanced Formulas
- Related: Git, GitHub, Microsoft Office, Agile Methodologies, Tableau, Power BI, HTML5/CSS3(UX/UI), JavaScript

Education

BACHELORS OF SCIENCE IN COMPUTER SCIENCE
SOUTHERN NEW HAMPSHIRE UNIVERSITY

MAY 2016 - MAY 2020

- Cumulative GPA: 3.6(Presidents List)

Relevant Coursework

BOARD GAME SALES DASHBOARD

DECEMBER 2023 - JANUARY 2024

- Created dashboard design with effective data visualization of large data volumes using various data sources (PostgreSQL, Tableau, and spreadsheets) to determine bestselling product trends best on different features and theme.
- Implemented different action filters, parameters and calculated fields to create intricate dashboards.
- Project Dashboard Link: https://public.tableau.com/app/profile/ernest2189/viz/Board_Game_Sales_Project/BoardGamesSalesDashboard

BEST SELLING VIDEO GAMES PROJECT

OCTOBER 2023 - NOVEMBER 2023

- Utilized Python to scrape, analyze, and manipulate data to gain insight on profit margin of game publishers.
- Imported data into excel to perform analysis and data cleaning using Beautiful Soup and Requests.
- Developed custom charts and graphs to visually represent project data to facilitate communication with stakeholders.
- Project Link: https://github.com/ErnestLouis/bestselling_videogames

NASHVILLE_HOUSING-DATA CLEANING SQL PROJECT

FEBRUARY 2021 - MARCH 2021

- Obtained raw Airbnb housing data and transformed it in SQL Server allowing for practical analysis.
- Clean, transform and model data to ensure and improve accuracy of metrics calculations.
- Project Link: https://github.com/ErnestLouis/sql_datacleaning/blob/main/nashville_housing.sql

Experience

AMAZON, PROBLEM SOLVE SPECIALIST

JUNE 2020 - DECEMBER 2023

- Resolve issues with customer-ordered packages while working in a team environment assisting various departments.
- Monitor and analyze key metrics, sales trends, and customer behavior to better identify opportunities for improvement.
- Developed a productivity worksheet, highlighting daily tasks, and urgent request between departments increasing workflow by 15%.