Alexis Poyourow

Skills

Languages: SQL, Python (Pandas, Numpy, Matplotlib, Seaborn, Statsmodels, Scikit-Learn, XGBoost, Pickle)
Visualization Tools: Grafana, Tableau, Spreadsheets (Pivot Table, VLOOKUP, Conditional Formatting)

Projects

Employee Retention Analysis | JUNE 2024
- Analyzed 14,999 survey response rows using Python to identify four distinct reasons for employee turnover.
- Developed a regression predictive model that accurately forecasts employee attrition.
- Compiled an executive report summarizing key findings and insights from the analysis.

Case Study: Traffic Commute Analysis | JUNE 2023
- Collected and analyzed 133 rows of commute trip data to derive actionable insights.
- Created pivot tables based on weekday and month to compare data trends effectively.
- Performed key calculations to identify critical metrics, enhancing data interpretation.
- Developed two Tableau dashboards with eight key metric visualizations for analysis.

Experience

RecipeSage - Data Analyst Intern
OCTOBER 2023 - PRESENT, REMOTE
- Performed exploratory data analysis on RecipeSage database.
- Developed and optimized SQL queries to analyze user engagement data (recipe ownership, meal plans, shopping lists), visualizing results in Grafana dashboards.
- Created visualizations to track user behavior over time, including line charts and dials for engagement metrics.
- Conducted word frequency analysis on AI chat messages.

Hyperium Conservatory - Double Bass Teacher
NOVEMBER 2019 - PRESENT, ROLLING HILLS, CA
- Provide individual upright bass lessons to students from elementary to high school ages.
- Applied individual historical student data to create personalized lessons for optimal learning outcomes.
- Demonstrated transparent communication by teaching complex music concepts in a coherent and logical manner.

Santa Ana Unified School District - Elementary Music Teacher
AUGUST 2021 - JUNE 2023, SANTA ANA, CA
- Cultivated and fostered a safe learning environment for diverse student populations across Santa Ana, CA.
- Developed and implemented curriculum for grades TK-8 in general music and instrumental music.
- Collaborated with music staff, administration, and faculty to coordinate assessments and performances.
- Utilized classroom assessment data to tailor instruction in order to meet the needs of individual student learning.
- Attended professional development seminars to learn new pedagogical techniques for lesson implementation.

Certifications

Google- Data Advanced Analytics Certificate | JULY 2024
Google - Data Analytics Certificate | JULY 2023

Education

California State University, Long Beach
Single Subject Teaching Credential | DECEMBER 2019
Bachelor's Degree, Music Performance & Music Education | May 2018