Ja-Yuan Pendley

Brooklyn, NY 11235
(347) 496-2445
jay.pendley1218@gmail.com

Published Works: My Portfolio
LinkedIn: LinkedIn

Objective: Highly skilled and reliable Business Analyst/Data Analyst with customer satisfaction. Adept at interdepartmental coordination to maximize business functionality and efficiency. Committed to ongoing professional development and research to ensure currency and innovation in project management and problem-solving. Competent, experienced, organized, enthusiastic, with ability to provide a focused approach to managing analytical and exceptional evaluation skills, along with statistics processing, analytical and presentation, and development can be applied. Extremely knowledgeable in Data Analysis, Python, SQL. Identify the needs of a business and connect them with information technology (IT) resources to increase sales or business needs, strengthen processes and improve efficiency. Act as a mediator and facilitator for all business systems.

EXPERIENCE

Cyquent   September 2022- June 2023
Business Analyst Consultant

- Managed a process re-engineering project to improve and consolidate end-to-end service processes; restructured communication flow among 10 departments and cut down paperwork by 75%.
- Created data point gap analysis documents, meeting with system users, business, and key people from cross functional applications.
- Translate and simplify requirements for optimizing execution and outcomes.
- Develop business and technical requirements and review Requirements.
- Automated the ETL data pipeline using Apache Airflow, python, and SQL.
- Collaborate directly with business stakeholders, clients, designers, developers, and engineers to ensure the applications are built according to specifications and delivered on schedule.
- Data Conversion
- Google sheets to track and see any duplicate data and use dashboards.
- Data Conversion from Access to Salesforce

New York Institute of Technology   September 2021 – September 2022
Technical Data Analyst- Part-Time Position

- Responsible to collect, clean, transforming, and validating data as a process to Obtain conclusions.
- Present data in the form of charts, graphs, and tables for immediate reference.
- Presents an analysis of all data to senior management.
- Developed highly accurate business reports and financial forecasting models using python, machine learning models, SQL and PowerBI for the Marketing and Data Science teams.
- Collaborated with stakeholder groups across the organization to ensure business and technology alignment.
- Coordinates with all key or authorized staff with the distribution of data analysis
- Coordinate with technical analysts, and before publishing client reports
- Monitors and organizes all client invoices for the purpose of accurate and timely billing procedures.
- Maintains and updates all data archives.
- Utilize data and technology to create positive change and help the business thrive.

PROFESSIONAL SKILLS

- 3 Years Tableau Portfolio
- 3 Years Cloud Computing (AWS, Azure, etc.)
- 3 Years Statistical Analysis and Modeling
- 5 Years Python, Java, C++
- Azure Cosmos DB with SQL Serverless
- Data Lake Storage

- 3 Years Machine Learning
- 3 Years Data Scrubbing & Standardization
- Create reports and visualizations to communicate findings.
- 2 Year Qlik
- 3 Year SaaS

EDUCATION

- **New York Institute of Technology - Master of Science, Data Science**
- **New York City College of Technology - Bachelor of Computer Systems Technology**

TECHNICAL PROJECT EXPERIENCE

Airbnb Data Analysis   November 2022

Ja-Yuan Pendley

- Performed correlation analysis, data visualization and k mean clustering, to uncover patterns and insights within Airbnb's open dataset.
- Visualized the analysis using Folium and Plotly
- App link: Airbnb Website

Song Recommendation System using Spotify's API   November 2022

- Performed correlation analysis, data visualization and k mean clustering, to uncover patterns and insights within Airbnb's open dataset.
- Visualized the analysis using Folium and Plotly.
- App link: Spotify Recommendation API

NYC Taxi and limo Data Analyst   November 2022

- Performed correlation analysis, data visualization and k-mean clustering, to uncover patterns and insights within NYC Taxi and limo.
- Visualized the analysis using Seaborn.
- A/B Testing and Linear Regression
- App link: NYC Taxi and Limo Website

Web application using Kubernetes   December 2023

- Deployed a web application on AWS Elastic Kubernetes Service by creating a Docker container.
- Performed cost-benefit analysis of using ECS (Elastic Container Service) vs EKS (Elastic Kubernetes Service).
- Created a repository for the Docker containers in AWS Elastic Container Registry.

ETL Pipeline using Azure Data Factory, Databricks and Snowflake   February 2023

- Created a complex ETL pipeline to extract data from Azure Blob Storage Container.
- Imported a Databricks Notebook in Data Factory to perform the complex transformations and perform Machine.
- Learning Tasks on the data.
- Loaded the data into Snowflake Data Warehouse for further analysis.

Excel   September 2022

- I have clean and use VLOOP to search data to see if there are any duplicates and Null values.
- I Create interactive Dashboard of comparing and contracting data.
- I created a pivot tables of the important and necessary essential data.

CERIFICATION

Google Advanced Data Analytics is authorized by **Google**.	November 2023
https://www.coursera.org/account/accomplishments/professional-cert/YEFJP5B3ZH7C	
AWS Cloud Technical Essentials authorized by **Amazon Web Services**	December 2023
https://www.coursera.org/account/accomplishments/certificate/3GN62FRB9YAH	
Architecting Solutions on AWS authorized by **Amazon Web Services**	December 2023
https://www.coursera.org/account/accomplishments/certificate/VAFNWFDQWHC2	
Certified Business Analysis Professional (CBAP) authorized by Star Weaver	January 2024
https://www.coursera.org/account/accomplishments/certificate/J94NX4V9U5UJ	
SQL for Data Science authorized by University of California, authorized UC **Davis**	January 2024
https://www.coursera.org/account/accomplishments/verify/PVGWHHP6U4K9	
Data Wrangling, Analysis and AB Testing with SQL authorized UC **Davis**	January 2024
https://www.coursera.org/account/accomplishments/certificate/ZHLBP7VJC9RF	