Ja-Yuan Pendley

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Published Works: My Portfolio
LinkedIn: LinkedIn

EXPERIENCE

Cyquent   September 2022- June 2023
Business Analyst Consultant

- Facilitated weekly Agile "lunch and learns" for the BA and QA audience.
- 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 Tableau Portfolio
- 5 Years Cloud Computing (AWS, Azure, etc.)
- 5 Years Statistical Analysis and Modeling
- 5 Years Python, Java, C++
- Azure Cosmos DB with SQL Serverless
- Data Lake Storage
- 5 Years SQL

- 5 Years Machine Learning
- 5 Years Data Scrubbing & Standardization
- Create reports and visualizations to communicate findings.

EDUCATION

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

Projects

Airbnb Data Analysis   November 2022

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- 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 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