EXEARIO BOSCAN

CONTACT

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SKILLS

- TS/SCI
- RStudio/Python
- SQL (Microsoft SQL Server)
- Machine Learning (Linear Regression, Random Forest, Decision Trees, Clustering, Text Mining, Data Mining, Segmentation)
- Power BI
- Database Management
- Data Modeling
- Data Analysis
- Qlik Sense
- Attention to Detail

LANGUAGES

Spanish

Native or Bilingual

English

PROFESSIONAL SUMMARY

Cleared Army Veteran and Detail-focused Data Scientist with knowledge in data warehousing, process validation and business needs analysis. Proven to understand customer requirements and translate into actionable project plans. Dedicated and hard-working with passion for Big Data.

WORK HISTORY

Staff Scientist , 06/2022 to Current
Booz Allen Hamilton, BAH - Fayetteville, NC

- Develops Qlik Sense Applications by implementing various data modeling, visualization and reporting techniques.
- Creates different types of charts for Qlik Sense Dashboard Analysis.
- Extracts, transforms and load data from Databricks into Qlik Sense applications.
- Conducts moderately complex analysis to support process development.

Data Analyst, 08/2021 to 05/2022
Purdy Group LLC

- Coordinated statistical data analysis, design and information flow. Increased information dissemination by 50%.
- Created various Excel documents to assist with pulling metrics data and presenting information to stakeholders for concise explanations of best placement for needed resources.
- Produced monthly reports using advanced Excel spreadsheet functions.
- Participated in requirements meetings and data mapping sessions to understand business needs.
- Trained employees on software to improve data management, monitored use and suggested improvements.

Department Manager, 02/2020 to 08/2021
U.S. Army Active Duty

- Executed data analysis process to visualize, describe, direct, and assess performance while achieving business processes results.
- Updated and maintained organizational database comprised of personnel and equipment performance resulting in 100% organizational awareness.
- Motivated associates to consistently deliver effective selling behaviors through coaching and recognition.
- Prepared detailed reports for management to clarify existing capabilities trends data.

Manager Business Analytics Department , 10/2018 to 02/2020
U.S. Army Active Duty

- Managed complex analytical projects and developed data driven outcome-based initiatives to improve business decision making and operational efficiencies.
- Recommended solutions for all business divisions and developed policies and processes to resolve issues impacting Key Performance Indicators (KPIs).
- Determined operational objectives by studying business functions, gathering information, and evaluating output requirements for the organization.
- Led a diverse department of 6 business analysts responsible for collecting, analyzing, and summarizing internal and external business information trends.
- Conducted research, gathered information from multiple sources and presented results

EDUCATION

Master of Science : Applied Data Science , Expected in 12/2022
Syracuse University - Syracuse, NY

Master of Science : Organizational Development , 08/2020
University of The Incarnate Word - San Antonio, TX

Bachelor of Science : Terrorism And Counterterrorism Studies , 07/2013
Henley-Putnam University - San Jose, CA

PROJECTS

***Design and Implement a Database – Syracuse University* Apr 2021 – Jul 2021**
- Designed and implemented a database to solve a data management problem presented during the course
- Specified business rules to dictate how the data are to be managed
- Used SQL statements to create tables and columns to hold the data and any constraints associated with the database model
- Provided an Entity-Relationship Diagram (ERD) describing entities, attributes, and database relationships

***FBI National Incident-Based Reporting System (NIBRS) Analysis – Syracuse University* Oct 2021 – Dec 2021**
- Loaded and cleaned structured data using Python
- Concatenated and filtered the data from each file into one dataset for analysis
- Explored the data for anomalies, missing data, and adjusted duration
- Manipulated the data from each available category to produce an analysis report

***COVID-19 Africa Weekly Trends Analysis with Machine Learning Algorithms – Syracuse University* Jan 2022 – Apr 2022**
- Clean and Prepared data with RStudio
- Implemented Association Rules Mining
- Implemented Hierarchical Clustering (HAC)
- Conducted a Random Forest
- Implemented a Decision Tree

***2020 Presidential Debate Text Mining Analysis with Python – Syracuse University* Jan 2022 – Apr 2022**
- Cleaned and Prepared data with Python
- Performed Tokenization of text
- Removed Stopwords from text

- Conducted Stemming, Sentiment Analysis, and a text WordCloud