Alexander Vaillant

(732)-648-1389 ● VaillantAnalytics@gmail.com ● www.linkedin.com/in/alexander-vaillant

SKILLS

SQL | Python | R | Power BI | Tableau | Microsoft SQL Server (SSMS) | Microsoft Excel | Microsoft Access | Business Intelligence (BI) | Decision Support | Data Preparation | Statistical Analysis | Data Mining | Dashboards | Predictive Modeling | Data Visualization | Machine Learning | Data Warehouse | Relational Databases | ETL

EXPERIENCE

Business Intelligence Analyst   Jun 2021 – Present
Allegiant Air | Las Vegas, NV

Translated data into valuable insights which answer business questions. Assisted in the development of reporting, analysis and visualization of business data and metrics to give stakeholders the ability to track business goals, strategy, and objectives.

Decision Support Analyst   Jan 2020 – Jun 2021
Prospect Medical Holdings Inc. | Springfield, PA

Created and maintained daily, weekly, and monthly interactive dashboards in Power BI to support director and executive-level stakeholder business decisions. Organized and led monthly meetings with administrative directors to discuss current reporting needs and dashboard functionality training. Communicated analysis results to key stakeholders.

- **Process Automation:** Modernized routine reporting methods by utilizing Access, SSMS, and Power BI, minimizing time spent and department costs by 85% and 250k/year, respectively.
- **KPI & Quality Metric Tracking:** Published Daily and Weekly updates via Power BI Dashboards, increasing Active Eligibility by 13% and lowering Medicare Annual Well Visit Care Gaps by 45%.
- **Adhoc Reporting:** Centralized data into SSMS and created frequently requested report templates via T-SQL data views, reducing turnaround time by 60%.

Assistant Cue Sheets Administrator   Oct 2018 - Dec 2020
NFL Films | Mount Laurel, NJ

Reviewed Cue Sheet metadata for submission to Performance Rights Organizations via RapidCue for Legal Compliance. Instructed personnel on the functionality and operational processes of FileMaker. Researched track metadata from various music libraries to maintain an accurate 1.63 million track, in-house library.

- **Data Review:** Submitted over 3,600 accurate cue sheets via RapidCue, reducing the rate of errors by 15%.
- **Data Entry:** Restored 11,000 cue sheets in FileMaker, resulting in a time-cost reduction of 30%.
- **Process Documentation:** Developed a 13-process Cue Sheet Department Manual for predecessors.

EDUCATION

Master of Science in Data Analytics | Western Governors University   Sep 2021

Data Science Professional Certificate | IBM via Coursera   Nov 2019

Bachelors of Music in Music Education & Performance | West Chester University   May 2018

PROJECTS

Data Science Portfolio
https://vaillant-analytics.github.io/

- **Linear Regression on LA Airbnb Data**
- **Sentiment Analysis on Amazon Product Reviews**
- **Market Basket Analysis on Telecom Product Data**
- **Time Series Analysis on Telecom Revenue Data**
- **Random Forests on Telecom Churn Data**
- **Telecom Company Churn Dashboard & Presentation**