

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

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

Expected Aug. 2021

Data Science Professional Certificate | IBM via Coursera

Nov. 2019

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

May 2018

PROJECTS

Churn Analysis (Logistic Regression; Documentation Available)

Feb. 2021

Western Governors University

- Identified the top five most impactful, statistically significant features on Customer Churning using **R**, with an accuracy of over 89% at the 95% confidence interval.

Tenure Analysis (Multiple Linear Regression; Documentation Available)

Feb. 2021

Western Governors University

- Identified the top three most impactful, statistically significant features on Month-to-Month Customer Tenure using **R** after the removal of multicollinearity.