**Alexander Vaillant**

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**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**