Trey Williams

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Technical Skills

PROGRAMMING LANGUAGES: Python | SQL | R | Azure | AWS | Spark

DATA SCIENCE & MACHINE LEARNING: Deep Learning/Neural Networks (TensorFlow | Keras | Image Processing with CNNs) | Unsupervised Learning (K-Means | Clustering | PCA) | Linear & Logistic Regression (Scikit-Learn) | Data Processing & Visualization (Pandas | Matplotlib | Bokeh | Seaborn) | REST API Development

Education

Data Scientist Certification – Fellowship Program | The Data Incubator | Anticipated Feb 2022

MPS in Analytics | Northeastern University | Jul 2021

B.S. in Management | Northeastern University | May 2019

Experience

DANA FARBER CANCER INSTITUTE   **May 2020 – Present**
Data Analyst I

- Planned and executed SQL queries for data extraction and management via MSSQL or MySQL. Improved the transparency and accuracy of reporting.
- Gained and maintained strong skills in data manipulation, cleaning, and exploratory analysis. Formulated logical conclusions from complex data sets. Formatted end results for statistical analysis.
- Streamlined and synthesized current business intelligence data. Published useful reports and compelling presentations that highlighted findings and recommended necessary changes.
- Visualized complex data and analytical results by leveraging a modern data visualization tool. Presented data to stakeholders to drive decision-making processes.

NORTHEASTERN UNIVERSITY   **Oct 2019 – May 2020**
Administrative Coordinator

- Organized a digital repository for 1k+ artifacts, research documents, and references. Enhanced the transparency and availability of information across the board.
- Received exposure to SQL and Oracle throughout tenure. Updated complex spreadsheets and databases to track, analyze, and report out on performance and events data.
- Closely monitored inventory levels and ordered office supplies in a cost-effective manner. Slashed overhead costs by 2% on critical supplies.
- Proactively identified and recommended changes to existing data collection/analysis processes. Boosted accuracy and efficiency of reporting by 3%.

FREEPOINT HOTEL   **Jan 201 – Jul 2019**
Front Office Manager

- Established several strategies that focused heavily on lowering expenses, streamlining operations, and improving outdated procedures. Realized a 3% increase in operational efficiency.
- Gained and maintained compliance by establishing internal procedures and examining reports, processes, and documentation for errors/opportunities for improvement.
- Deployed new marketing and customer engagement strategies that improved retention by 3% and customer service/satisfaction scores by 5%.