

# Brandon K. Andrews

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(732) 887-1171

Bkandrews33@outlook.com

linkedin.com/in/brandonkandrews

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## Professional Summary:

**Data Scientist and Data Engineer** with expertise in building and optimizing data pipelines, managing data warehouses, and applying AI and machine learning techniques. Proficient in SQL and Python, with experience in leveraging machine learning models for financial data analysis and generating predictive insights to drive decision-making. Skilled in developing scalable data solutions, automating processes, and creating visual reports. Passionate about using data-driven strategies to fuel innovation and contribute to the success of any organization I am apart of.

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## Certificates:

- **IBM AI Engineer Profession Certificate**- Issued by Coursera

## Core Competencies:

- **Data Science & Machine Learning:** Building predictive models, recommender systems, and performing regression analysis.
  - **Data Classification & Cluster Analysis:** Expertise in analyzing large, complex datasets to identify trends and clusters.
  - **Financial Data Analysis:** Developing actionable insights from financial data to support decision-making in finance, accounting, and legal teams.
  - **Process Automation & Data Pipelines:** Automating data processes and building scalable pipelines to support self-service reporting and analytics.
  - **Collaboration & Communication:** Effective in working with cross-functional teams to deliver data insights and solutions.
  - **Data Visualization & Reporting:** Proficient in Tableau, Power BI, and Excel for creating insightful dashboards and real-time reports.
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## Professional Experience:

### **DFG Recording Studio**

Manager/ Data Analyst /Audio Engineer (October 2023- Current)

- Developed and optimized large data pipelines using SQL and Python, providing insights that improved product performance and marketing strategies.
- Managed data infrastructure using AWS services, including Redshift, to ensure efficient data storage and retrieval for analysis.
- Applied machine learning models to analyze user behavior, predict trends, and optimize promotional strategies, contributing to a 10% increase in engagement.

### **Monmouth Park: Legends Hospitality**

IT Manager/ Food and Beverage Manager (February 2022 – January 2024)

- Managed and optimized over 60 point-of-sale systems across the venue, ensuring uninterrupted operations during high-profile events.
- Led cross-functional teams to improve back-of-house systems, which resulted in a 20% reduction in operational costs.
- Developed automated systems to streamline operations, reducing costs and improving efficiency.
- Generated and analyzed key financial reports to support decision-making and improve operational processes.

### **Prudential Center: Legends Hospitality**

Event Technician (2022 - 2023)

- Provided real-time data insights during live events, ensuring that decision-makers had accurate and timely data.
- Resolved technical issues under tight deadlines, maintaining system performance for data analysis during events.

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## Education:

**B.A. Business Studies**, Minor in Information Systems and Technology  
Stockton University, Galloway NJ, 2021

## Key Technical Skills:

- **IT Operations:** Asset Management, Technical Support, System Optimization, Point-of-sales systems
- **Machine Learning:** Regression Analysis, Classification, Clustering
- **Data Analysis:** SQL, Python, Excel, Tableau
- **Project Management:** Agile methodologies, cross-functional team leadership
- **Process Improvement:** Workflow optimization, cost reduction
- **Business Intelligence:** Tableau, Power BI

## Volunteer Work:

- **Big Brothers Big Sisters Organization:** Mentor and guide for young individuals, fostering positive development.
- **Eastern Service Workers Association:** Organized community events, contributing to social welfare.
- **Old Bridge Food Bank:** Managed food donations, ensuring efficient distribution and freshness.