

Amah Martin

Business Intelligence | Data Engineer

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PROFESSIONAL PROFILE

I'm a Data Analytics Professional with experience in data analytics reporting, data visualization, Python and SQL programming who is passionate about improving data processes and creating better data products. With expertise in Python, SQL, Power BI, and Cloud platforms – I build scalable solutions, automate reporting, and collaborate across teams to deliver measurable improvements. I have a proven track record of developing high-impact dashboards that analyzes millions of customers and serve our business partners.

SKILLS

Data Engineering: ETL pipelines, data warehousing, cloud platforms (Azure, Google Cloud)

Programming Languages: Python, SQL, PySpark, Bash, HTML, CSS

Databases: PL/SQL (Oracle), PostgreSQL, SQLite

Tools & Systems: Toad Data Point, Visual Studio Code, Power BI, Microsoft Azure Cloud Services, Google Cloud Platform, Terraform, Docker, Databricks, SQL Server Management System, Git, GitHub, Jupyter Notebooks, Anaconda, Statistical Analysis Software (SAS), Tableau, Figma

Interpersonal Skills: Agile Methodology, Data Analysis, Data Quality Assurance, Technical Writing, Automation, Project Management, Teamwork, Problem Solving, Troubleshooting, Customer Service

PROFESSIONAL EXPERIENCE

Data Scientist 2

Humana – Remote

May 2022 – Current

- Utilize cloud tool platforms such as Databricks and Azure Synapse Analytics to ingest on-premise data sources, conduct light transformations, and query business metrics used to report marketing trends that drive engagement and conversions
- Responsible for developing Power BI dashboards, code maintenance, data validation and provide insights on A/B tests for several Pharmacy Marketing Campaigns outreaching up to 1.5 million members each year
- Decreased Power BI data refreshes by up to 81% by redesigning original Power BI data models and testing new SQL database connectors that improve total records loaded into dashboards for reporting
- Provided streamlined reporting by automating report refreshes and providing automatic email updates using Power Automate summarizing key business metrics results to senior leadership for business intelligence

Data and Reporting Professional

Humana – Remote

June 2021 – May 2022

- Completed 366+ hours of work items for the Marketing Analytics and Data team in a 4-month period in both an accurate and efficient manner that resulted in the success of completing business partner's goals and objectives
- Automated several Excel reports through the use of Power BI, SQL, and Python programming resulting in increase productivity and saved 3+ hours of manual Excel work
- Maintain relationships with stakeholders in order to translate business requirements into technical requirements
- Trained 30+ business users on how to use a Marketing Analytics Power BI report and its data visualization tools

Epidemiologist | Quality Assurance Analyst

June 2017 – March 2021

Cabinet for Health and Family Services, Frankfort, KY

- Automated several processes including an entire Vital Statistics Annual Report which increased productivity on task that has taken up to six hours to less than 30 minutes and was successful in meeting the deadline
- Responded to more than 150+ requests for vital statistics data in both an accurate and efficient manner that resulted in the success of completing client's organizational goals and objectives
- Translated business problems to IT staff, provide effective support in solving data quality assurance challenges that result in improving data quality and tasks efficiency for both clients and staff

EDUCATION & PROFESSIONAL DEVELOPMENT

Microsoft, Remote

Certified Azure Data Engineer Associate
Certified in Azure Data Fundamentals
Certified in Azure Fundamentals

IBM, Remote

Professional Certificate of Completion

Python for Data Science
SQL for Data Science
Data Engineering Basics for Everyone
Advance SQL for Data Engineers

Code Louisville Program, Louisville, KY

Certificate of Completion

Front End Web Development (React JS, HTML, CSS, JavaScript, jQuery, Bootstrap Framework)
Back End Development (Python, SQL)

Jefferson Community & Technical College, Louisville, KY

Certificate in Programming

Computational Thinking
Independent Project

University of Kentucky, Lexington, KY

Master of Public Health

Geographical Information Systems
Statistical Analysis Software
Advanced Bio-statistics