**Maureese Williams**

Home: 267.331.0922

[MaureeseWilliams@Gmail.com](mailto:MaureeseWilliams@Gmail.com)

<https://github.com/MMWilliams>

[MaureeseWilliams.com](http://maureesewilliams.com/)

**Professional Experience**

**Vanguard: Data Analyst** January 2020 – August 2020

* Designed interactive reports and dashboards using Tableau Server
* Identified process issues, and improved valuable key controls for greater data integrity in data ingestion and manipulation using VBA, SQL and Python
* Automated daily/weekly reports resulting in higher team productivity and reduction in data compromise using VBA
* Redesigned and developed critical data ingestion methods to perform automated data cleaning, merging and analysis
* Performed data migration efforts with CRM system transition
* Automated ETL processes, making it easier to wrangle data and reducing manual data manipulation using VBA and Python

**Blackrock Inc: Asset Analyst** (Contract)July 2019 – December 2019 (contract)

* Optimized data collection procedures and generated reports on a weekly, monthly basis
* Automated reports allowing for higher team productivity and reduction in data compromise using VBA and Python
* Developed, updated and managed complex SQL queries
* Identified process issues, and improved valuable key controls for greater data integrity using VBA, SQL and Python
* Automated ETL processes, making it easier to wrangle data and reducing manual data manipulation using VBA and Python

**Comcast: Data Analyst** (Contract)February 2019 – May 2019

* Prepared daily, weekly and monthly financial reports. Presented metrics to management on an ongoing basis
* Researched variance/discrepancies to budget and forecast through detailed operational and financial metrics and reported results
* Automated financial reports using a combination of VB and SQL for ease of use, error reduction, and efficiency
* Developed predictive models to advise deployment team in regard to network traffic expectations using MYSQL and Python

**New Penn Financial: Capital Markets Associate** March 2018 – February 2019

* Reduced company expenses/risk exposure by managing and reporting on warehouse lines daily
* Collected, analyzed, and managed quantitative data and created meaningful reports to lead business decisions
* Utilized MS SQL, Excel, Tableau, and other dashboard/visualization toolsets for data intelligence and analysis
* Confirmed and reconciled trades/transactions; investigated discrepancies for correction and process improvements

**Bank of New York Mellon: Asset Services Associate** (Contract) September 2017 to March 2018

* Managed and updated client’s records through; CRM software and proper fund specific procedural forms
* Performed live market trades on client’s behalf
* Processed financial transactions on a daily basis through CRM and (FSR) Full Service Retail software
* Provided transaction history information for tax purposes, including capital gains as well as dividend payout

Statements

**United Services Energy:** TechnicalConsultant **(**Part-Time)June 2017 – July 2019

* Developed predictive models for energy generation costs as well as energy consumption prices
* Improved on designs to web applications using HTML, CSS, Python, Django framework and Heroku PaaS
* Implemented discretization and binning, data wrangling: cleaning, transforming, merging and reshaping data frames
* Back end web development, deployment and request handling with Django and Python deployed on a Linux server
* Automated ETL processes, making it easier to wrangle data and reducing manual data manipulation

**Education**

**Indiana University of Pennsylvania, Eberly College of Business and Information Technology**

**Bachelor of Science**: Finance, with a minor in Economics 2017

**Certifications**

**Piereian Data Intl.** - Python for Data Science and Machine Learning - July 2018

**Piereian Data Intl.** - Python and Django Fullstack Web Developer Bootcamp – August 2019

**IBM** - Databases and SQL for Data Science - August 2019

**Volunteer Experience**

**Conversation Partners** Aug 2013 – Dec 2013  
English tutoring for international students, as well as cultural education

**Skills**

Microsoft Office Suite: Advanced• Visual Basic: Advanced • Financial reporting • SQL/MySQL: Advanced • HTML • CSS • XML• Front-end/Back-end web development/deployment • Python • Effective Communication • Data Reconciliation • JavaScript • Django • Databases • AWS • Data visualization • Git • Tableau • Data interpretation • Reporting • Process Automation • Xcode/Swift • AWS EC2 • Hadoop • Spark • Cloud Database • ETL