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# Skills

* SQL (SQL Server, MySQL)
* Python (Pandas, NumPy, MatPlotLib)
* Tableau
* Excel (VLookup, Conditional Formatting, Pivot Tables)
* Microsoft Azure
* Apache Hadoop/Spark
* Microsoft Power BI

# Projects

Data Science Job market Eda – Personal Project **–** Philadelphia, PA April 2020

* Utilized **Python** to analyze 7000 data science job listings and gain insights on what it takes to land a job in analytics
* Implemented **Regex** techniques to comb through the job descriptions and identified the key requirements
* Aggregated and visualized the data by using **pandas, matplotlib** and **wordcloud** to compile a professional report

Benefit Package Benchmarking dashboard – Virtual Client’s Project **–** Philadelphia, PA February 2020

* Created a dashboard with **Power Bi** to help client compare between different employee benefit packages
* Transformed and processed client’s data by using DAX and Excel to ensure data completeness and validity
* Provided technical insights on how the client can fully utilize their data by introducing different technologies
* Consulted with client to determine the best metrics to be displayed on final product

sentiment analysis on tweets – Personal Project **–** Philadelphia, PA December 2019

* Utilized **R Studio** to perform sentiment analysis on 14,000 tweeter reviews of six major airlines
* Performed data cleaning and text analysis to successfully identified the major complaints for each airline
* Applied regression and machine learning to produce a final model with an accuracy of 88% and lift of 34%

Customer Sales Analysis – Personal Project **–** Philadelphia, PA November 2019

* Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
* Transformed and filtered data by using aggregating and filtering function to improve reporting process
* Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

# Education