

Education

BACHELOR OF SCIENCE IN BUSINESS – Drexel University – Philadelphia, PA
Majors: Business Analytics, Operations and Supply-chains Management, International Business

June 2020

Skills

Python

Libraries: pandas, matplotlib, ggplot2, BeautifulSoup2, re, os

R Programming

Packages: dplyr, shiny, ggplot, tm, tidyR

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Power Bi

Tools: DAX, API, Power Query

SQL

Software: SQLite, MySQL

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

Work Experience

RE-INSURANCE ANALYST CO-OP – CHUBB Insurance – Philadelphia, PA

March 2018 - October 2018

- Reconsolidated and logged premium internal re-insurance rates of major four accounts through First (Chubb's proprietary internal MIS system)
- Implemented a new reporting using Excel Pivot and VBA which help reduced processing time by 50%
- Generated three process reports weekly for continuous accounts for financial and developmental analysis
- Analyzed domestic and international reinsurance agreement contracts wording to issue/update policies accordingly

LEASING ASSISTANT – UACT Associates – Philadelphia, PA

December 2016 - February 2018

- Organized operational expenses checkbooks for 15 properties and audited the company's financial statement
- Promoted vacant properties through word of mouth and social media, resulting in successfully leased out 60% apartments
- Organized house tours and maintained properties through monthly inspections
- Served as a liaison between landlord, tenants, and building managers to resolve issues pertain to the properties