

## Skills

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**Power Bi**

Tools: DAX, data modeling, Power Query

**SQL**

MySQL, CTEs, Window functions, CRUDs Reporting, analysis

**Excel**

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

**SharePoint****PowerPoint****Python**

Libraries: pandas, matplotlib, numpy, web-scraping, re, scikitlearn

## Related Work Experience

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**DATA ANALYST – Omdena – Toronto, ON****January 2022 - Present**

- Collected and scraped data from more than 20 online sources using **python** with beautiful soup, performed data quality checks, and ensured data integrity.
- Derived supply chain Key Performance Metrics (KPIs) and insights on demand and supply of dairy products for an FMCG manufacturer promoting “Just In Time” inventory and reducing the overall cost by 17%.
- Generated three process reports weekly on **PowerBI** for regular updates on sales data
- Handled more than 3+ projects on average within a short period of two months with a turnaround rate of approximately two weeks and satisfaction rate of 95%.

**DATA COORDINATOR – Erie Architectural Products – Windsor, ON****October 2018 – December 2021**

- Automated the task of exporting the dimension of a 3d models to excel database, PDF extraction, drawing sheet generation and optimized the design process in **VBA** and python to increase work efficiency and productivity by nearly 15%.
- Performed **data quality checks** on excel using **data validation** techniques, checking data formats, and **conditional formatting** producing a high-quality data file for generating fabrication cutlists while improving production efficiency 1.5 folds.
- Presented findings using **SharePoint** every month to the supervisor and a team of 7 members about the insights and progress achieved on the efficiency after automation implementation.

## Projects

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**COMPUTER HARDWARE SALES ANALYSIS – Personal Project – Toronto, ON****February 2023**

- Analyzed the data with more than **300K sales transactions** for two consecutive years after stringent data quality checks.
- Utilized **SQL** CTEs, CRUD operations, window and ranking functions to answer business questions on sales data revealing insights.
- Suggested marketing and discounting rates that could potentially increase the sales by 25% for the next fiscal year.

**BRITISH AIRWAYS CUSTOMER DATA ANALYSIS – Virtual Internship – Toronto, ON****February 2020**

- Scraped data of more than customer experience 3500 reviews for British airways on Skytrax website using **Beautiful Soup** and **Selenium**, performed data cleaning and structured the data for analysis.
- Aggregated and visualized the data by using **pandas**, **matplotlib** and **wordcloud** to compile a professional report
- Identified areas where airline could focus for better customer experience and service to increase their ratings and strategies that could bring more sales.

**KPMG – Virtual Internship – Toronto, ON****November 2019**

- Performed data quality assessments on customer demographics and sales data of over 20K transactions for a bicycle selling organization.
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Python** to identify key business intelligence metrics that can improve sales performance

## Education

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**MASTERS OF ENGINEERING** – University of Windsor – Windsor, ON

## Certification

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**GOOGLE DATA ANALYTICS** – Coursera

**IBM DATA SCIENCE SPECIALIZATION** – Coursera