**Jonas Clark**

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**EDUCATION**

**Master of Science in Data Analytics (STEM)** Expected May 2024

Clark University; Worcester, MA

**Bachelor of Science in Commerce** June 2018

Panjab University; Chandigarh, India

*Related Projects:*

**City of Worcester Crime Prediction Capstone Project** January 2023 - May 2023

* Developed and implemented machine learning model with Python (NumPy, pandas, and TensorFlow) using historical crime data, geospatial information, socio-economic indicators to identify high risk areas.
* Conducted data preprocessing and feature engineering addressing missing values, outlier and inconsistencies; transformed variables through one-hot encoding and developed temporal features enhancing data quality and reliability
* Presented project findings with actionable recommendations to City of Worcester Police Department leadership team and member of City Hall to support future crime protection initiatives

**PROFESSIONAL EXPRERIENCE**

**QuantumWave Solutions**, Worcester, MA September 2023 - Present

Data Analyst Intern

* Automated and streamlined data pipeline using Python reducing manual data entry and processing time by 30%
* Conducted data analysis using Python and SQL to extract insights from large data sets resulting in data driven recommendations for process optimization and cost reduction
* Created data visualizations, dashboards, and interactive reports using Tableau enhancing communications within the company and supporting decision making
* Improved data quality by collaborating cross functionally to identify and define data requirements, which reduced data errors by 15%
* Implemented advanced SQL techniques such as subqueries, joins, and window functions to solve complex data analysis problems, which enabled greater insights within datasets

**Wipro Limited**, Bengaluru, India September 2018 - December 2022

Business Analyst

* Collaborated with cross functional teams to define key performance indicators (KPI’s) and developed dashboards using Tableau and PowerBI to drive strategic business decisions
* Implemented CRM by gathering business requirements to ensure seamless integration leading to a 20% increase in sales and 30% increase in customer satisfaction
* Identified performance gaps and recommended training programs that boosted productivity 10% within six months by conducting data driven performance reviews of sales and operational teams
* Performed cost benefit analysis for proposed projects using financial, market, and operational to enable senior management to prioritize spending, which led to a 10% increase in ROI for technology projects

**TECHNICAL SKILLS**

**Skills:** Microsoft Office Suite (Word, PowerPoint, Excel), Access, SQL, Tableau, Python, SAS,, SPSS, R, Stata, Data Modeling, ETL Mapping, Power BI