

Detail-oriented professional with expertise in extracting actionable insights from complex datasets. Skilled in utilizing advanced analytics tools and techniques to drive informed decision-making and optimize business processes. Ability to analyze business processes, identify areas for improvement, and develop innovative solutions for driving growth and profitability. Skilled in requirement gathering, stakeholder management, and project coordination to ensure successful implementation of business initiatives in fast-paced environment. Recognized for leveraging data analysis skills to improve economic development initiatives as well as introducing new data management systems that enhanced efficiency, constructed predictive models, and formulated personalized plans. Strong communicator; adept at mentoring cross-functional teams and building long-term productive relationships at all levels.

## Technical Proficiencies

**Data Analysis:** Python, SQL, Excel, SPSS

**Data Visualization:** Tableau

**Statistical Analysis:** Hypothesis Testing, Descriptive Statistics, Time Series Analysis, Forecasting, and Machine Learning. Presentation and Interpretation of Visualizations. Exploratory Data Analysis

**Tools:** Excel, Jupyter Notebook, GitHub, Tableau, PowerPoint

## Education & Certifications

**Ph.D. in Social Work** | Indiana University - Purdue University, Indianapolis, IN (2019 – Present)

**Master's in social work** | Michigan State University, East Lansing, MI (2015 – 2017)

**Honor Degree in Social Work** | University of Namibia-Main Campus, Windhoek, NA (2011 – 2014)

**Certificate in Data Analytics**, (CareerFoundry Boot Camp) (2023)

## Professional Experience

**Ph. D Student Research Assistant**, Indiana University-Purdue University, Indianapolis, IN

2019 — 2021

Reviewed and rectified data to enhance research endeavors focused on process improvement. Scrutinized and structured data from literature reviews, while enriching groundwork for expansive research ventures. Devised and executed procedures for data purification and validation to ensure survey data precision. Crafted visually captivating presentations and reports by spotlighting actionable insights for project strategizing. Compiled exhaustive reports delineating pivotal discoveries and suggestions for enhancing communal assets.

### Key Accomplishments:

- Concluded three research undertakings in descriptive analytics concerning child maltreatment and interventions, along with school truancy, culminating in national conference presentation.
- Analyzed extensive datasets regarding child maltreatment interventions employing SPSS software, leading to the detection of school truancy issues, resulting in national conference presentation.
- Delivered research findings on child maltreatment at two academic conferences, while contributing to formulation of novel intervention approaches.

**Data Analyst/Programs**, Office of the Prime Minister, Windhoek, NA

2017 — 2019

Guided data analysis endeavors for nationwide economic development endeavors, furnishing strategic insights crucial for business requisites. Engineered tailored databases for precise monitoring of project advancements and financial allotments. Regularly generated reports for senior executives by streamlining resource allocation and policy shaping. Ensured completeness, consistency, and accuracy of transmitted transactions in response to governmental files and documents.

### Key Accomplishments:

- Timely transmitted data to Namibian government bureaus.
- Increased 20% in efficiency for government program processing and analysis by instituting two novel data management frameworks.
- Enhanced transparency and accountability as well as furnished real-time program performance insights, while formulating data-centric dashboards and reports.
- Conducted data scrutiny leading to empirically driven policy determinations regarding child welfare initiatives and small enterprise cultivation in underserved communities, thereby optimizing resource distribution.
- Offered excellent technical assistance by fostering heightened data literacy among governmental functionaries and refining decision-making procedures.

### **Clinical Analyst/Social Worker, Mediclinic Windhoek Hospital, Windhoek, NA**

**2014 — 2015**

Examined patient health outcomes to pinpoint factors impacting treatment success rates, while advancing patient care. Formulated prognostic models to gauge patient risk profiles and advocate tailored care strategies to refine patient outcomes. Fostered collaboration with interdisciplinary team to manage synchronized care provision and heighten contentment among clients and families. Delivered counseling and support amenities by empowering clients to cultivate coping mechanisms and bolster self-esteem, ultimately fostering ameliorated overall well-being.

### Key Accomplishments:

- Decreased 25% in hospital readmissions among serviced children by evaluating interventions.
- Yielded 30% enhancement in mental health outcomes by performing evaluations leading to individualized treatment blueprints for patients afflicted by communicable illnesses.
- Met community demands by instituting data-gathering mechanisms to track program efficacy by assessing mental health initiatives.
- Improved resource accessibility and streamlined referral procedures by conducting thorough analyses of social services usage among hospital patients, while suggesting measures.

## **Key Projects**

### **CareerFoundry Boot Camp – Online**

#### **Medical Cost Personal Datasets - Healthcare Cost Analysis and Prediction in the USA, Utilized Python.**

- Conducted exploratory visual analysis to identify relationships between variables.
- Created correlation matrix to determine healthcare cost relationships.
- Tested healthcare cost and BMI charges using statistical models.
- Presented analysis narrative in Tableau dashboard.

#### **Instacart – Marketing Strategy Analysis for Online Grocery Store**

- Conducted exploratory analysis using Python and relevant libraries.
- Cleaned data, performed consistency checks, and merged datasets.
- Derived customer preferences and ordering frequency insights.
- Presented recommendations in Excel report for improving sales habits.

#### **Rockbuster Stealth LLC – Launch Strategy Analysis for Online Video Rental Service.**

- Loaded data into RDMS, utilized SQL for extraction and transformation.
- Applied SQL techniques to clean and preprocess raw data.
- Executed queries to uncover meaningful insights for business solutions.
- Presented findings in easy-to-consume manner in PowerPoint presentation.