Trécy Odede

BI Developer/Data Scientist

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SUMMARY

Highly motivated Data Scientist with over 5 years of experience in leveraging data to drive strategic insights, improve business processes, and solve complex problems. Expertise in data analysis, data visualization, and reporting, complemented by strong proficiency in Python, SQL, AWS QuickSight, and cloud environments (AWS & Azure). Proven ability to analyze data, develop reporting solutions, and influence strategic decisions. Adept at collaborating with cross-functional teams, managing projects, and providing support for existing solutions. Passionate about utilizing analytical tools and cloud technologies to enable informed decision-making and create valuable insights into system health.

EDUCATION

Postgraduate Diploma – Data Science, University of the Witwatersrand (2025)

BSc – Geography & Environmental Management, University of KwaZulu-Natal (2014)

Certificates:

CS50: Introduction to Software Development (Python), Harvard University (2019)

Software Development Fundamentals (C#), Microsoft (2016)

Google Data Analytics Professional Certificate, Coursera (2024)

Google Business Intelligence Professional Certificate, Coursera (2025)

EXPERIENCE

Spatial Dimension, Cape Town - *BI Data Analyst*

October 2023 - PRESENT

- Analyzed operational processes to design and build data solutions, increasing efficiency and reducing manual workflows.
- Developed relationships and solutions with business stakeholders across multiple teams to meet enterprise needs.
- Conducted data analyses using cloud infrastructure to address complex business problems.
- Created data reports and visualizations to support decision-making.

- Built ETL pipelines for data integration and transformation.
- Integrated APIs to streamline workflows and automate data integration processes.
- Developed predictive models to support business decision-making processes, leveraging Python libraries such as Pandas and NumPy.
- Developed advanced dashboards, blending data sources to uncover trends and provide actionable insights.
- Documented workflows and data management processes to align with business goals and data governance frameworks.

Trimble Inc, Cape Town - *GIS Data Analyst*
May 2019 - September 2023

- Conducted advanced spatial analyses to identify patterns and trends, supporting strategic business decisions.
- Managed geospatial databases for over 20 projects, ensuring data quality and integrity.
- Collaborated with engineering teams to integrate geospatial data into Trimble products and services.
- Designed and delivered GIS training programs, enhancing team and customer capabilities.
- Developed dashboards and reports for monitoring key business metrics.
- Improved spatial analysis models, optimizing site selection and project outcomes.
- Championed data governance best practices, contributing to policy development and implementation.
- Designed and implemented AWS-based solutions, including data warehousing and visualization using AWS Quicksight.
- Built automated workflows for ETL processes, leveraging scripting tools and APIs.
- Prepared business reporting specifications (BRS), ensuring alignment with stakeholder requirements and ROI calculations.
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AgendaGL, Durban - *GIS Analyst*
October 2016 - April 2019

- Conducted geospatial data analysis and visualizations to support urban planning and environmental projects.
- Maintained and updated geodatabases for project consistency.
- Supported the development of spatial decision-support systems.
- Created flowcharts and process documentation to optimize data workflows.
- Collaborated with cross-functional teams on global projects, ensuring seamless communication and execution.

SKILLS

TECHNICAL SKILLS

Business Intelligence Tools: Power BI (Desktop & Online), Tableau, AWS Quicksight

Database Management: Microsoft SQL Server, T-SQL, Snowflake, Azure Synapse Analytics

ETL Tools: SQL Server Integration Services (SSIS), Azure Data Factory

Programming Languages: Python (Pandas, NumPy), R

Data Modeling: Dimensional modeling, OLAP

Cloud Platforms: Azure (Blob Storage, Data Factory), AWS (RedShift, Glue)

Reporting Tools: SQL Server Reporting Services (SSRS), Tableau

Data Security: Applying security measures to reports, apps, and workspaces

Salesforce Integration: Experience working with Salesforce.com, GePG

SOFT SKILLS

Critical Thinking
Strategic Planning
Detail-Oriented
Effective Communication
Report Writing
Performance Management

REFERENCES

To be provided upon request