

Daniel Efford

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PROFESSIONAL HIGHLIGHTS

- Expert Data Specialist with 2 years in the mining industry, focusing on developing and enhancing reporting and analytical efficiencies with a dedicated team.
- Analytical achievements include root cause analysis of mining equipment to uncover opportunities to decrease equipment downtime by 15%
- Comprehensive technical skill set and adept at articulating complex concepts, making me a valuable asset in data and AI-driven strategic decision-making.
- Spent the last year expanding my skills to develop expertise in implementations of local and cloud-based databases to perform ETL operations, building containers for collaborative projects, honing software engineering best practices, and building web applications to interface with data pipelines, plus much more.

Tech Stack: Python, SQL, Azure, GCP, Docker, Git, DAX, VS Code, API, Bash, HTML/CSS/JS

WORK EXPERIENCE

DATA ANALYST/BI DEVELOPER October 2022 – May 2023

Vale, Voisey's Bay, NL

- Led the creation of data-driven reports and dashboards at Vale Mining using Power BI, significantly impacting decisions on equipment performance, ore production, and scheduling.
- Played a pivotal role in developing and testing a mine activity tracking tool to boost operational efficiency, collaborating closely with the technical team and stakeholders.
- Delivered targeted training sessions to management on using the new reports and dashboards, improving data literacy and streamlining organizational decision-making processes.

OPERATOR September 2015 – February 2020

Modern Printing Group, Mount Pearl, NL

- Oversaw all aspects of signage production from client interaction to installation, ensuring quality and client satisfaction.
- Analyzed operational data to identify key performance metrics, enhancing production efficiency.
- Crafted and utilized Excel-based sales reports, guiding strategic business and sales decisions.

EDUCATION

DATA ANALYST PROFESSIONAL CERTIFICATE

Google (through Coursera), April 2015

HIGH SCHOOL DIPLOMA

Mount Pearl Senior High, June 2007

ADDITIONAL SKILLS

- Proficient in Python, SQL, and Power BI
- Excellent oral and written communication skills
- Strategic problem solver

References Available Upon Request