Ben Polzin

DATA SCIENTIST

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github.com/polzinben

PROFILE

I am an energetic and enthusiastic engineer with project management experience. I have established a history of collaborating and problem solving in a multi-disciplinary team as a former oil and gas production engineer. After experiencing firsthand the power of data driven discovery and decision making I was hooked. I am passionate about the future and how we can shape it.

SKILLS

Data Analysis and Visualization, Predictive Analytics, Machine Learning, Deep Learning, Natural Language Processing, Optimization, Big Data, python, SQL, R, pandas, scikit-learn, TensorFlow, Amazon Web Services, Hadoop, Spark, Matplotlib, seaborn, plotly, Tableau, streamlit

EXPERIENCE

Production Engineer | Newfield Exploration / Encana Corporation
JUL 2016 - NOV 2019, Houston, TX

- Oversaw production operations of nearly 500 producing wells in the Uinta Basin of Northern Utah
- Coordinated maintenance/repair operations as well as optimizations and interventions
- Optimized business unit performance utilizing a blend of established and innovative approaches and extensive multidisciplinary collaboration
- Spearheaded multiple process improvement projects from inception to implementation including a revamped and enhanced data extraction, transformation, and loading pipeline
- Leveraged extensive data analysis to return 30 temporarily shut-in wells back to production as well as identified and prioritized future capital projects

EDUCATION

BrainStation | Diploma Candidate, Data Science
AUG - OCT 2020, Fully Remote

Colorado School of Mines | B.S. Petroleum Engineering
AUG 2013 - MAY 2016, Golden, CO

Red Rocks Community College | A.S. Engineering
AUG 2013 - MAY 2016, Lakewood, CO

PROJECTS

MyGamePass | Project Lead
OCT 2020, BrainStation Data Science Diploma Capstone

Recommendation engine for video games. Utilizes collaborative, content based, and similarity based filtering. Demonstrated skills include: python, pandas, scikit-learn, data preprocessing, matrix factorization, natural language processing, optimization, streamlit

www.github.com/polzinben/MyGamePass

The Orphaned Well Project | Director of Technology
SEP 2020 - Present, Fully Remote (Denver, CO Headquarters)

Non-Profit Organization start-up dedicated to properly decommissioning and environmentally reclaiming orphaned oil and gas wells throughout the United States. Coordinating data ETL pipelines/ workflows and organizational technology strategy.

www.theorphanedwellproject.com