

David Azenda

DATA SCIENTIST

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PROFILE

Coming from the chemical engineering industry, I have seen the impact properly utilized data can have on an organization. My past experience working in a fast paced collaborate environment has improved my ability to manage several tasks simultaneously and collaborate with cross-functional teams.

EXPERIENCE

Contact Engineering Co-op Student | CNOOC International

SEP 2018 – Sep 2019, Fort McMurray, CA

- Worked with Uniformance Process History Database (PHD) to perform analysis on process equipment.
- Performed process vessel performance analysis using excel.
- Optimized the Free Water Knockout (FWKO) fouling tool which was designed to predict the fouling rate of the FWKO vessels. Resulting in a six-figure savings through maintenance deferrals.
- Constructed and implemented a digital site wide target sheet for ensuring efficient unit operation across the plant.

EDUCATION

BrainStation | Diploma Candidate, Data Science

AUG 2020 - OCT 2020, Ontario, CA

University of Saskatchewan | Bachelor of Science in Engineering - Chemical Engineering

SEP 2015 – APR 2020, Saskatoon, CA

SKILLS

- Python
- R
- SQL
- ML/AI
- Aspen HYSYS/Plus,
- Microsoft Excel, Word, PowerPoint

PROJECTS

Understanding Car Insurance Premiums | Capstone

- Determine the demographic of people most likely to have high premiums.
- Determine which columns contribute the most to the probability of higher premiums.
- The possible uses for this model are automatic/fast auto loan approval with optimized premiums.