Alejo Alegre Bustos

ale21020@byui.edu | [Alejo Alegre Bustos](#) | [GitHub - Machine Learning](#) | [NO SPONSORSHIP NEEDED](#)

Education

Bachelor's degree in Data Science   Anticipated December 2026
Brigham Young University - Idaho   Rexburg, Idaho

- Certificate in Machine Learning
- Certificate in Data Science

Work Experience

Analyst   January 2023 - February 2024
Treasury of The Church of Jesus Christ of Latter-day Saints   Buenos Aires, Argentina

- Worked with **Power BI, VBA, Python, JavaScript, and Power Automate** to automate financial reports, build error-prevention models, and create macros and bots to make treasury operations more efficient.
- Built real-time dashboards that replaced one-hour manual reports, using **Power BI** and **Python** to save treasury 3 hours per week on interdepartmental reporting and speed up decision-making.
- Gained experience combining data analysis and automation to create solutions that are accurate, efficient, and add real value to the business.

Analyst Junior   November 2021 - January 2023
PWC - Argentina   Buenos Aires, Argentina

- Automated processes and developed bots **using VBA, Python, Google Apps Script, JavaScript, and UiPath**, improving efficiency across projects.
- Built **Power BI** dashboards with ETL best practices, applying **Python** for data processing and delivering actionable insights for clients.
- Created a policy recognition model using **Python**, **Tesseract**, and **OCR**, automating extraction of key information from documents.
- Gained experience combining automation and data analysis to create practical solutions that save time and add value.

Technical Skills

- Programming & Scripting: Python, SQL, VBA, DAX, HTML, CSS, UNIX Shell, Google Apps Script
- Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, ggplot, Power BI, Tableau (calculated fields, LODs), XlsxWriter, Openpyxl
- Machine Learning & Deep Learning: scikit-learn, XGBoost, Keras, CNNs, RNNs, Neural Networks
- Automation & RPA: Power Automate, UiPath, Selenium, pyautogui
- Document & Text Processing: Tesseract OCR, pdfplumber, regular expressions
- Version Control: Git, GitHub

Personal Projects

- AGRO: Image classification of agricultural pests using custom dataset (92% accuracy)
- BLP: Developed a machine learning model using XGBoost to predict personal loan approvals, analyzing client data to improve decision-making and reduce risk (Accuracy: 0.6000, Precision: 0.9077, Recall: 0.6000, F1-score: 0.6662)