**Alejo Alegre Bustos**

[ale21020@byui.edu](mailto:ale21020@byui.edu) | [Alejo Alegre Bustos](https://www.linkedin.com/in/alejo-alegre-bustos-b03395174/) | [GitHub - Machine Learning](https://github.com/AlejoAlegreBustos/Machine-learning-projects) | [NO SPONSORSHIP NEEDED](https://www.uscis.gov/policy-manual/volume-2-part-l)

**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)