

# MAXIMILIANO DIAZ BATTAN

DATA ANALYST | MACHINE LEARNING | BBA

📍 Córdoba, Argentina | 📞 +5493515101680 | ✉ maxidiazbattan@gmail.com



## SUMMARY

---

Business administrator more than 10 years of experience, specialized in accounting, finance, and banking. Nowadays, I work as an analyst, and on various occasions, as a data scientist.

Currently working independently, always open to new opportunities and challenges. I can assist with all aspects related to data analysis/machine learning, leveraging my experience as an administrator to synthesize large volumes of data and extract valuable insights, always aiming to solve business problems.

Furthermore, to gain extra experience with real-world problems, I spend a significant amount of my free time on Kaggle (a data-related website), participating in a wide variety of competitions, such as analysis and visualization, tabular, CV, audio, NLP, etc.

## SKILLS

---

**Languages:** Python, R, SQL, Excel.

**Libraries:**

- Data analysis: Pandas, Polars, Rapids (cuDF & cuPY), dplyr, Sqlite3, Numpy, Matplotlib, Seaborn, Plotly, Dash, ggplot2, and more.
- Machine Learning: Sklearn, Rapids (cuML), XGBoost, LightGBM, Catboost, Interpret, Tabnet, Optuna, Feature Engine, SHAP, Streamlit, etc.
- Deep Learning: Pytorch, Pytorch Lightning, Timm, SMP, Albumentations, Transformers, etc.
- Other skills: PowerBI, Git & Github, Docker, Linux.

**BBA:** Banks, treasury, administration, and accounting.

## RECENT WORK EXPERIENCE

---

**Freelancer** | Consultancy

**Feb 2018 – Present**

- Handling and extracting insights from large volumes of data using tools such as Pandas, Polars, or cuDF.
- Developing pipelines to optimize processes, utilizing libraries such as Pandas, Scikit-learn, Feature Engine, etc.
- Modeling and interpreting models using Scikit-learn, XGBoost, LightGBM, Catboost, Shap, and others.
- Data visualization, especially with Plotly, Dash, Excel, or PowerBI to effectively communicate findings.
- Application of optimization and tuning techniques with tools like Optuna, Scikit-learn, Skopt, to maximize model performance.
- Active collaboration in the data community through platforms like Kaggle, DrivenData, etc., participating in analysis and machine learning competitions to stay updated.

## EDUCATION

---

**Instituto Universitario Aeronáutico** | Bachelor of Business Administration

## PROJECTS

---

In relation to projects, I have several dashboards published on [GitHub](#), which I have created with Python and Dash or in Excel. In addition, on [Kaggle](#) I published numerous Jupyter notebooks that cover a bit of everything, data cleaning and exploratory data analysis, modeling, pipelines for both Machine and Deep Learning. You can also check out my [portfolio](#), which I made with Streamlit, where you will be able to find the aforementioned but structured for easy reading.