PABLO SEGOVIA

Process Engineering, Project Management, Data Science and Machine Learning

Contact Information

luispablosegovia@icloud.com

+549-11-2367-5554

Buenos Aires city, Argentina

in/luispablosegovia

manoloacademia

Skills

- New product introduction.
- Technical worldwide liaison.
- Technical team coordination.
- Process Engineering.
- Python programming.
- Data science and analysis: numpy, pandas, matplotlib, seaborn.
- Machine learning: scikit-learn, pytorch, tensorflow.
- Statistics and probability: Minitab.
- MS Office: excel, PowerBI.
- SQL and Bash. Apple environment.

Languages

- Bilingual English.
- Native Spanish.
- Conversational French.

Education

- Buenos Aires University (UBA)
  Artificial Intelligence Master
  2023 - finishing
- Buenos Aires Tecnology Institute - ITBA
  Python for Financial Institutions
  2020
- Tucumán National University (UNT)
  Chemical Engineering (8.00/10.00)
  2012

Professional Summary

Chemical Engineer currently studying a Master Degree in AI. I have more than 12 years of experience in Process Engineering for both continuous and batch industries. Data Scientist in leveraging data analytics, machine learning and statistical modeling to drive business insights and decision-making. Proficient in Python and various data visualization tools. Demonstrated ability to develop predictive models and implement machine learning algorithms to solve complex problems.

Professional Experience

Johnson Matthey - Process Engineer
2018 – Current

Responsibilities:

- Technical project management for new products introduction.
- New component testing. Definition of process parameters. Engineering and technology support and service liaison with technology centers in Japan, the United Kingdom, the United States, Macedonia and India.
- Study of direct and indirect production variables to solve KPI issues. Python libraries for data analysis: Pandas to transform data types, generate DataFrames and create ETL pipelines; Scikit-learn to perform regression and classification models; data visualization libraries such as Matplotlib and Seaborn to display insights.
- Risk analysis, manufacturing feasibility, process and procedure development. Technological support for production, control, and quality assurance.
- Leadership of continuous improvement teams and root cause analysis.

Projects

2024 Technical Language Processing (TLP): Study of batch production data, generating a second-level Pareto based on comments. This project uses NLTK, SpaCy, and FuzzyWuzzy libraries to remove stopwords, perform tokenization, remove diacritics, minimize vocabulary by generating a mapping, and replace with similar words.

Achievements

2011-2012 Photochemistry. XI Latin American Meeting of Photochemistry and Photobiology Congress (2012) poster.