

# DAVID MEDINA

Artificial Intelligence Developer

## Contact

- +1 (514) 571 1981
- [davidmedinap@gmail.com](mailto:davidmedinap@gmail.com)
- <http://www.linkedin.com/in/davidmedinap>
- <https://github.com/planckc>

## Main skills

- Data Scientist
- Data Engineering
- Data Analysis
- SQL / Programming
- Agile mindset

## Technical skills

Machine Learning	<div><div></div></div>
Analyse prédictive	<div><div></div></div>
Python / R	<div><div></div></div>
DevOps	<div><div></div></div>
ML Ops	<div><div></div></div>
Django / Flask	<div><div></div></div>
SQL / T-SQL	<div><div></div></div>
ETL & Cleansing	<div><div></div></div>
BI tools	<div><div></div></div>
Time Series	<div><div></div></div>
Data Collecting & EDA	<div><div></div></div>

### Others :

- Hadoop
- AWS / Azure / Google Cloud
- Kafka
- Docker / Kubernetes
- Apache ecosystem
- PHP / MYSQL
- Oracle
- CentOS / Linux

## Summary

Experienced BI and AI developer of predictive models, data and **machine learning** and predictive **data analytics** with accreditation as a certified Big Data professional to deliver AI and data analytics ecosystems that add business value through historical, predictive and prescriptive data and forecasting insights.

## Main achievements

### Intelligence Artificielle & Machine Learning

- ✓ Full-stack role in the entire lifecycle of a predictive time-series model for forecasting stock prices integrated with Meta Trader and MQL5 by comparing the best of Top-3 models between ARIMA-X, LSTM, Random Forest, Voting Regressor and Holt Winters variations with predictive data analysis in all stages of the project.
- ✓ Implementation of AI ecosystems with CI/CD tools such as Django/Flask, ML Flow, GitHub, Kibana, Azure, Google Cloud Source Repositories applying DevOps and MLOps techniques to set up efficient and reproducible machine learning pipelines for model deployment in production.
- ✓ Solid experience in predictive data analysis and in developing complex models with multi-layered artificial neural networks to solve a variety of problems.

### BI & Data Analysis

- ✓ Budget and IT capacity data models on Powerbi.com and Azure via PowerBI data streams, datasets and reports with measurement coding, SQL scripting, DAX and Power Query-M.
- ✓ Data integration (ETL, merging and modeling) with external data sources: JIRA, Databricks, MS-Project Server, Azure Datalake, Office 365 data and SharePoint repositories.

## Experience

### Artificial Intelligence & Machine Learning

- **DATAROI** Apr 2023 – Today
  - Full-stack role for the development, implementation, and support of machine learning models in social community project through ETL, storage, modeling and data consumption for content creation and engagement of specific audiences using DevOps and MLOps.
- **Hydro-Québec** Jul 2021 – Jul 2022
  - Development, implementation and support of machine learning model and business analysis writing for predictive data analysis with artificial neural networks organized in multiple layers to predict the probability of continuity of Hydro-Quebec employees, managers, and consultants.
- **Collège Bois de Boulogne** Mar 2020 – Apr 2022
  - Development and implementation of machine learning models and business analysis writing for predictive data analysis with multi-layered artificial neural networks to predict the value of stock market financial assets for investment via the Meta Trader 5.
- **ROI Projects** Sep 2015 – Jun 2017
  - Development, implementation, and support of pipelines for collecting, storing, arranging and consuming data from machine learning models for predictive data analysis with artificial neural networks organized in several layers using DevOps and MLOps techniques.

# DAVID MEDINA

Artificial Intelligence Developer

## Contact

- +1 (514) 571 1981
- [davidmedinap@gmail.com](mailto:davidmedinap@gmail.com)
- <http://www.linkedin.com/in/davidmedinap>
- <https://github.com/planckc>

## Soft skills

- Agile team member
- Communication
- Adaptability
- Problem-Solving
- Creativity

## Bénévolat

- Directeur de la planification 2011-2018  
Bethesda Internationale, Église chrétienne
- Jury du concours Apps.co 2014  
Université Los Libertadores
- Conférencier invité 2012  
Association colombienne des ingénieurs en informatique

## BI Developer & Data Analyst

- Dataroi Apr 2023 – Today
- Desjardins, QC Apr 2022 – Apr 2023
- Hydro Québec, QC Jul 2021 – Jul 2022
- Exia, QC Mar 2021 – June 2021
- Intact Assurance, QC Dec 2020 - Mars 2021
- Ministry of Health, QC Sep 2019 – Nov.2020
- GoDoWorks Latam, US Jun 2018 – Dic.2018
- Colpensiones, COL Jun 2018 – Dec. 2018
- ROI Projects, COL Sep 2015 – Jun 2017

## Tech Lead - Scrum Master

- Tecnia, ESP-COL Jul. 2014 – Sep 2015
- KAP Consultores, COL Jul. 2013 - Jul2014
- Ecopetrol, COL Jun 2013 – Jun 2013
- Renault, COL/FRA Sep 2009 – Dec 2012

## Software development engineer

- FENALCO Nov. 2008 - Sep 2009
- Thomas Greg & Son Mai 2008 – Nov. 2008

## Process Analyst – Software application development responsible

- Citibank & Cititrust Colombia Sep 1998 – Avr 2008

## Éducation

- ✓ AEC Technical Specialization in **Artificial Intelligence**- Bois de Boulogne College
- ✓ **Big Data** - Visualization (reporting) and prediction, - Bois de Boulogne College – 2019
- ✓ BAC in **Information Technology** Engineering (2009)

## Certifications

- ❖ **Big Data** Professional (2018) Arcitura
- ❖ **Big Data** Engineer (2018) Arcitura
- ❖ **DevOps** Essentials Professional Certificate (2017) CertiProf
- ❖ Three stars Developer - FSP (2007) Microsoft
- ❖ CP-BAT **Agile Testing** Certified (2017) BD Guidance