JENNAT LAMSATFI

DATA SCIENTIST & Web Developer

About me

A business-focused data scientist with experience in health care and financial institutions. I design & develop data science products to help clients increase profitability and improve customer experience.

Contact

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SITE WEB

Education

M.Sc. Mathematics and statistics (University of Quebec in Montreal) 2022.
- Developing a new statistical algorithm calculating the probability of finding a matching donor based on In/compatible HLA epitopes in kidney transplantation.

B.Sc. Mathematics and Statistics (University of Quebec in Montreal) 2018.

Skills

R & Shiny (Tidyverse, tidyquant, ggplot2, e1071, plotly, knitr ...etc.)
Python (Numpy, Pandas, Scikit-Learn, Keras, Pytorch, Tenserflow, matplotlip)
SAS, SQL, HTML, CSS, JavaScript
Prediction and Classification
Time series Forecasting
Customer Segmentation
Statistical inference, Survival analysis
Nonparametric methods

Experience

Data Scientist

BSMD Desjardins | 2021 - 2022

Building AI-based systems capable of machine learning to provide the necessary tools to accelerate and bring greater precision to audit processes.
- Building Machine learning models for fraud prediction and classification of sites in terms of performance.
- Anomaly detection models.
- Set up the structure and the work methodology for the data science team.
- Recruitment of analysts, junior data scientists and interns.
- Set up the road map of data science projects in audit (Credit, insurance and reseau des caisses).

Mathematician - Statistician

Statistics Canada | 2020 - 2021

Sample production for the monthly Labor Force Survey.
- Generate the sample list for the monthly production across Canada for the Labor Force Survey.
- Create scenario scripts to test the behavior of the upcoming new platform for the Labor Force Survey.
- Work closely with the developer team to fix bugs.

Teaching Assistant

UQAM - University of Sherbrooke | 2015 - 2019

Prepare and explain the labs for undergrade students. Prepare revision labs for exams and correct homework and exams.

Internships

Consultant in Statistics / Biostatistics

CRCHUS (Sherbrooke) | 2017 - 2019
SCAD (UQAM)

Understand client (researchers, doctors and students) needs, realize the statistical analysis and produce the study reports with interpretation of the results. Program custom functions and algorithms for clients.