



PIERRE MULLIEZ

pierremulliez1@gmail.com

Phone: +33 6 25 05 09 22

Driving License

Work permits: EU, Canada



EDUCATION

2020 – 2021: MASTER IN BIG DATA AND BUSINESS ANALYTICS

School of Human Sciences and Technology – Instituto de Empresa – Madrid, Spain

2016 – 2019: BACHELOR OF COMMERCE, BUSINESS TECHNOLOGY MANAGEMENT

John Molson School of Business – Concordia University – Montreal, Canada

2019: ACADEMIC EXCHANGE– Tecnologico de Monterrey - Ciudad de Mexico, Mexico

2014 – 2016: HIGH SCHOOL DIPLOMA, INTERNATIONAL BACCALAUREATE (IB)

Kent College – Canterbury, England

EXPERIENCE

SEPTEMBER - CURRENT: DATA ENGINEER

Accenture , Barcelona, Spain

JUNE 2019 – AUGUST 2019: DATA ANALYST

Fashion Data – Paris, France

- Audited the database of the apparel firm Bizzbee.
- Analysed data in SQL on Google Cloud (Bigquery) .
- Built comprehensive dashboards on Data Studio.
- Reported to the client CRM director and the Fashion Data data analyst leader.

SAMPLE PROJECTS

GAS DEMAND PREDICTION OVER TIME IN SPAIN WITH PYTHON

Repsol, Spain

- EDA: Extensive use of Matplotlib, data enrichment.
- Feature engineering: Feature creation and additional dataset imports.
- Preprocessing: Handling nulls with forward and backward filling, identify and drop unique values columns, encode feature with oneHotEncoder and pd dumify, split the dataset by service station as an array of DataFrames, standardize features with standard scaler.
- Machine learning: Blocked time series split and Sarimax, Ridge and random forest regressor optimized with GridSearch and feature importance for each station, plot of the result.

SYSTEM DEVELOPMENT FOR A SUSCRPTION APPLICATION WITH C#, SQL AND VISIO

Bombardier, Canada

- Data Modelling: Structural diagrams, Data access layer, Use case diagram, User interface modelling.
- Sourcing: vendor search, RFP (request for proposal).
- Design: Front end in C#, Back end in MySQL Workbench.
- Implementation: deployment plan, change management.

LANGUAGES

FRENCH: Native.

ENGLISH: Bilingual.

SPANISH: Intermediate.

QUALIFICATION

SCRIPTING LANGUAGES

Python - PySpark, R, C#

QUERY LANGUAGES

SQL, MongoQL.

DBMS

MySQL Workbench, MongoDB, Google Bigquery.

MACHINE LEARNING

Linear- logistic Regression, SVM, Random Forest, XGBoost, KNN, LDA, NLP, Graph, Neural Networks.

DATA VIZUALISATION

Tableau, Google DataStudio

OTHER

Spark, Hadoop HDFS, Kafka, Github Microsoft Visio - Projects

EXTRA CURRICULAR

STUDENT CLUBS

CONCORDIA SURF CLUB : President.

CASAX : Marketing team.

CONCORDIA FRENCH SOCIETY :

Finance executive.

ONLINE LEARNING

AWS CLOUD PRACTITIONNER.

SWIRL (R).

DATACAMP (Python).

COURSERA (Machine Learning).

OTHER

RUNNING: 4 half-marathons, 1 triathlon M.

SURF.

SKATEBOARD.

LITERATURE.