



Data Expert – Freelancer Kabacinski Christophe

Profile Summary Profile summary

CONTACT

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ABOUT ME

Freelance consultant with +15 years of experience with SAS technologies.

Polyvalent: can work in data preparation, in analytics, in BI; Ability to coach or give training.

Open minded: knowledge of non-SAS technologies like Python, Linux, Kubernetes...

SKILLS

SAS



SQL



Python



Data Mining/ ML



Fraud Detection / AML



Training / Coaching



- Freelance data expert with +15 years of experience as a SAS consultant (8 years at the SAS Institute).
- Lecturer at the University of Louvain-la-Neuve in SAS adv programming technics with SAS Viya since 2019 (holder of the course LDATS2370).
- Diploma: Bio-Engineer, Master in Management, Strong focus on Data Management, Analytics and Data Mining
- Polyvalent: can work in data manipulation, data mining or data visualization. Strong experience with gathering, preparing, and exploiting a wide range of data from disparate sources. Good knowledge of Machine Learning algorithms.
- Databases: Good knowledge in SQL Server, Oracle, MySQL
- Python: Excellent knowledge (programming, Pandalas, SciKit-Learn, Django, REST), PCEP and PCAP certified.
- Infrastructure: Good knowledge in Docker, Docker-Compose, Kubernetes, certified in Linux and Kubernetes
- Experience in the utility sector, public sector and financial sector,
- Good communication skills, coach for employees and junior SAS developers, development of training material
- Scrum master certified, can work with Agile methodology using DevOps.

Present company (Contractor)

UCLouvain Guest lecturer in SAS Advanced programming language at the Institute of Statistics, Biostatistics and Actuarial Sciences (UCLouvain - LBSA) (2019 - Today)

- Holder of the course LSDATS2370,
- Main topics: SAS SQL, SAS Macro, SAS Advanced Techniques and Efficiencies, SAS Viya,
- Preparation for the certification SAS Advanced Programming.

Environment: SAS Studio, SAS Viya

ERGO Anti-Money Laundering migration from 7.1 to 7.2 at ERGO Insurance Belgium (May 2024 – Today)

- Migration of AML scenarios, reports, database
- Administrator of the SAS9 platform.
- Testing and knowledge transfer

Environment: SAS 9, SQL Server, Windows server, PowerShell

EDUCATION

Master in Industrial Management
KULeuven 2003 (Cum-Laude)

Bio-Engineer
UCLouvain 2002 (Distinction)

CERTIFICATIONS

- Linux fundamentals
- Kubernetes and Cloud Native associate
- PCEP, PCAP – Python Institute
- Professional SCRUM MASTER
- AML Specialist (ACAMS)
- Data Mining (UCLouvain)

- SAS base & advanced, SAS BI, SAS DIS, SAS EMiner, SAS/STAT, VA, VS (in Viya), VDMML, Programming in SAS Viya, SAS Viya administration (SAS Institute)



Computer Proficiency/Skill Set

Programming

Languages : SAS Base, SAS Macro, Python, PHP, HTML, Shell Script

Operating System : Windows, Linux

Database Systems : Oracle, Microsoft Access, MySQL, SQL Server, DB2

Data Science : SAS STAT, SAS VA, SAS VS, SAS VDMML, SAS EMiner, Pandas, Scikit, Power BI

Infrastructure (basics) : VMWare, Docker, Docker-Compose, Kubernetes

Other : Grafana, Apache Airflow, Django, REST

Experienced at BeOptimized (Freelance 2016-Today)



SAS DWH Developer and SAS Administrator at the Federal Public Service of Health, Food Chain Safety and Environment (May 2023 – April 2024)

- Create and load new DWH tables: define specifications, create DDL, load and validate data, check surrogate keys, end-to-end tests, promotion.
- DWH automation and job scheduling
- Administrator of the SAS Viya 4 and SAS9 platform.

Environment: SAS Viya 4, SAS 9, Kubernetes, Oracle, Apache Airflow, Linux



Python Data Engineer and Data Scientist at BeGees (Mar 2022 - Dec 2022)

BeGees is an internal BeOptimized project focused on the understanding of the energy consumption and production at BeOptimized.

- Creation of a web application (Python - Django - Mysql) displaying/ analyzing in near real time the energy consumption and production of BeOptimized,
- Energy consumption and production are captured thanks to a Raspberry Pi connected to a smart-meter and scheduled using Apache Airflow,
- Database and Web application are Dockerized and hosted on a NAS server and data are sent from the raspberry to the NAS thanks to the Django RESTAPI framework,
- Data are analyzed thanks to Pandas, Tensorflow and OpenCV.

Environment: Python, Docker, Docker-Compose, Raspberry Pi (Debian), Synology (DSM)

LANGUAGES

French

English

Dutch

HOBBIES

- DIY
- Photography
- Oenology
- Cooking

PERSONALITY

- Flexible and eager to learn
- Positive and sociable
- Team worker
- Passionate by data and IT
- Autodidact
- Intellectual curiosity
- Eco-responsible



Technical Data Engineer in the risk department of BNPParibasFortis Belgium (Oct 2022 - Mar 2023)

- Mission focused on SAS development for 2 Risk applications with SAS IntrNet and SAS EG related to a specific bankwide project,
- Adaptation of existing screens and reports,
- Code Optimization to improve reports speed,
- Working with Agile methodology
- SAS Coaching and Knowledge Transfer.

Environment: SAS Eguide, Linux, Sybase, SAS IntrNet



SAS Technical Analyst/Developer in the Marketing & Sales department of ENGIE Electrabel Belgium (Fev 2016 - Apr 2018 and Apr 2019 - Oct 2022)

- Technical/ impact analysis on new energy market regulation (MIG6),
- Rebuild/adaptation of SAS processes, datawarehouse and reports impacted by the new regulation (focus on the invoice validation systems and on energy billed & unbilled forecast systems),
- Data migration from MIG4 to MIG6,
- Customer Pressure Index project: Analysis of the marketing pressure on customers (architecture, data collection & data quality, analysis, and reporting),
- GDPR Project: Participation in the creation of Right to Access and Data Portability modules,
- Working with Agile methodology using Azure DevOps,
- Presentation of MIG6 challenges and SAS developments at SAS Forum 2016
- Knowledge Transfer.

Environment: SAS 9.3, SAS 9.4 Windows NT SAS Connect, SAS Cloud



Marketing analyst at SIGMA translation Canada (Nov 2020 - Feb 2021)

- Market analysis and historical database creation,
- Data capture, parsing, cleaning, and automation,
- Reporting and automation.

Environment: Python 3.7, Power BI



Fraud detection expert at APPC (Actuarial Programming for Performance and Compliance) (May 2018 - Feb 2019)

- Optimization of a segmented cloud-based SAS Anti-Money Laundering 7.1 solution to perform Watch List Monitoring in real-time (Saas mode),
- Conversion of R Shiny code into SAS BI,
- Creation of UBO-KYC real-time algorithms for first line screening,
- Creation of the ETL in base SAS,
- Creation of process reports (on the ETL, data quality, performance, SCD monitoring using Visual Analytics...)
- Project technical follow-up and recommendations.

Environment: SQL Srv, Windows 2012 R2, SAS 94



BI Expert at P&V insurance (Oct 2018 - Dec 2018)

- Creation of the Corporate RISK Dashboard,
- Creation of VA reports (VA 7.3) and SAS Stored Processes

Environment: SAS 94



Fraud detection expert at ERGO Insurance Belgium: (Jan 2017 - Sept 2018)

- Development of rules to meet FATCA & CRS regulations and AML 4 directive and integration within SAS Anti-Money Laundering 6.3,
- Creation of fraud detection algorithms and customer profiling,
- UI screen performance optimization (XML based)
- Collect and analysis of large datasets,
- Integration into CRM,
- Project technical follow-up and recommendations,
- Presentation of CRS/FATCA integration in AML at SAS Forum 2017.

Environment: SQL Srv, Windows Server, SAS 94

Experiences at SAS Institute as Analytic consultant (2012-2016)



Anti-Money Laundering migration from 5.1 to 6.3 at ERGO Insurance Belgium

- Redesign of screens to improve usability of the solution (based on customer feedback)
- Rebuild of the ETL in Base SAS to improve performance,
- Fraud detection algorithms optimization to reduce false positives,
- Creation of test plan and test data,
- Creation of in-memory reports and KPI (SAS VA).

Environment: SQL Srv, Windows Server, SAS 93 ==> SAS 94



Predictive Analytic: optimization of a fraud detection model at BNP Paribas Fortis Belgium

- Data collection in BIG DATA context (gather all historical transactions and combination with customer data), customer profiling, creation of binary rules, bins, outliers' detection, data imputation, data normalization...
- Analysis with SAS Eminer to improve the scorecard model used in a SAS real time engine (ESP): utilization of multidimensional regressions, decision tree, neural networks, model comparison, ROC chart & Lift curve...
- Utilization of Visual Analytics, Visual Scenario Designer, Eguides to create new rules.

Environment: Cent OS, SAS 94



Implementation of High Performance Anti-Money Laundering 6.3 at Société Générale Private Banking France

- Project technical follow-up and recommendations,
- Segmentation of the solution under high security constraints,
- Peer group analysis,
- Integration with Visual Scenario Designer,
- Training of consultants, business and C-Level.

Environment: Oracle 11, Linux, SAS 94



Implementation of Anti-Money Laundering 5.1 at ERGO Insurance Belgium

- Business, Compliance and Steerco meeting,
- Utilization of SAS Data Integration Studio (DIS) to populate the data model,
- Import and transform DowJones data,
- Implementation of fuzzy matching algorithms,
- Creation of fraud detection algorithms,
- Creation of Web Report Studio reports,
- Creation of test data and script to validate the implementation,
- Algorithms optimization to reduce false positives,
- Knowledge transfer.

Environment: SQL Srv, Windows Server, SAS 93 ==> SAS 94



Migration from Anti-Money Laundering 2.1 to 5.1 at Argenta Bank Belgium

- Data cleaning and migration,
- Optimization of the Base SAS ETL,
- Creation of Web Report Studio reports and Stored Processes,
- Knowledge transfer.

Environnement : Oracle 11, Linux, SAS 91 ==> SAS 93



Implementation of Anti-Money Laundering 5.2 at AG2R-La Mondiale France

- Business and Compliance meeting,
- Optimization and recommendation for the Data Integration jobs creation,
- Screens customization,
- Algorithms optimization to reduce false positives.

Environment: Oracle 11, Linux, SAS 93



Migration from Anti-Money Laundering 1.4 to 4.2 at CRELAN Belgium

- Data cleaning and migration,
- Creation of new fraud detection algorithms,
- Creation of test data and script to validate the migration.

Environnement : Oracle 10, AIX, SAS 91==>SAS 92



Implementation of Enterprise Case Management 6.1 at BNP Paribas Fortis Belgium

- Business and IT meetings,
- Design and creation of ECM screens to support the alert investigation process,
- Creation of SAS Stored processes.

Environment: Oracle 11, Linux, SAS 94

Experiences at SAS Institute as Training consultant (2008-2012)

Trainer in SAS Programming

- SAS Programming 1, 2 & 3
- SAS Macro 1 & 2
- SAS SQL

Trainer in SAS Business Intelligence

- SAS Enterprise Guide 1 & 2
- SAS Web Report Studio, Stored Process, Olap Cube, Information Delivery Portal, Dashboard
- SAS Add-in for MS Office
- SAS Visual Analytics

Trainer in SAS Analytics

- SAS Enterprise Miner
- SAS STAT (prog or via Eguide)
- JMP

Coach and consultant in SAS BI for Dexia Bank (Market Risk team).

- Creation of a SAS Portal & MS Office application containing various SAS reports: Olap Cubes, SAS for MS Office, Stored Processes, WRS reports.

Environment: Oracle 11, Linux, SAS 92

Experiences at NewFarm Agriconsult (2005-2008)

- Development of agronomic KPI and crop warning system based on meteorological data
- Installation of automated weather stations in various crops (PESSL Instrument) and analysis:
 - Daily download of data, DQ check and storage in MS ACCESS
 - Statistical analysis (ANOVA) using Excel
 - Integration in weather data model and crop disease prediction model
 - Agricultural warning
- Programming and designing of the company's global web site (PHP, MySQL)
- Creation and execution of the technical services (samplings, statistical analysis,...)
- Administrative follow up of the consulting office and customer relation

Environnement: MS Office, MySQL, PHP, Pessl

Experience at French Community of Belgium (2004-2005)

Teacher in secondary school (Hainaut - Belgium):

- Teacher of Physics in 4th,5th,6th at secondary school of Morlanwelz,
- Teacher of Geography in 1th, 3th,5th at secondary school of Mariemont,
- Teacher of Mathematics and sciences in 2th at secondary school of La Louvière.

University trainees

- UCLouvain - Belgium (Q1 2002),
- Janssen Pharmaceutica-Belgium (2001-2002),
- ERASMUS Exchange (Manchester 2001),
- ICRISAT-Niger (summer 2001),
- CNRA-Senegal (summer 1999).

Secondary schools

- Collège Notre Dame de la Tombe (CNDK-Tournai-Belgium)