Kabacinski Christophe
Data Expert

CONTACT

Location: Brussels, Belgium
Phone: +32 (0)477 96 18 57
URL: www.BeOptimized.be
Email: christophe@beoptimized.be
e-CV: www.beoptimized.be/resume.php
LinkedIn: ckabacinski
Driving Licence: B

ABOUT ME

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

Profile Summary Profile summary

- 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).
- SAS Accredited Trainer: gives SAS training on behalf of SAS Institute
- 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, Pandas, 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

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 Viyas
- Preparation for the certification SAS Advanced Programming.

Environment: SAS Studio, SAS Viya

SAS Coach at ACM Insurance Belgium (Jul 2024 – Today)

- SAS Coach for business users working both in Non-Life insurance and Life insurance
- Business report development (Non-life insurance)
- Insurance product modelization (Life insurance)

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

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 (2016-Today)

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

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

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

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,

HOBBIES

- DIY
- Photography
- Oenology
- Cooking

PERSONNALITY

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

- 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)

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, Eguide 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 Managment 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)