SIMON GOSSET

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Data analyst/scientist with strong mathematical and computing background with 10+ years of experience. I believe my previous experiences and personal qualities (reliable, highly motivated and hard worker) give me the perfect abilities to fit the job requirements. I'm available from Monday to Friday for a casual or full-time position.

WORK SUMMARY

COMPANY	POSITION	DATES
WESTPAC	SENIOR DATA ANALYST	JUN 2024 - ONGOING
JCDECAUX	DATA INNOVATION SPECIALIST	APR 2022 - MAY 2024
SANOFI	DATA ANALYST	OCT 2020 - SEPT 2021
QUINTEN	DATA SCIENTIST	APR 2018 - OCT 2020
AIXIAL/SANOFI	STATISTICIAN	SEPT 2016 - JAN 2018
KEYRUS BIOPHARMA	STATISTICIAN	SEPT 2015 - AUG 2016
CEN NUTRIMENT	STATISTICIAN	JUL 2014 - AUG 2015

EDUCATION AND CERTIFICATIONS

2024 MACHINE LEARNING FOR FINANCE IN PYTHON, DATACAMP

2024 BASEL BANK CAPITAL ADEQUACY (BASEL II, III, & IV), UDEMY

2023 MATE TO MANAGER, AUSTRALIAN INSTITUTE OF MANAGEMENT

2021 GOOGLE CLOUD PLATFORM FOR ENTERPRISE ESSENTIAL, LINKEDIN

2021 CERTIFIED DATA SCIENTIST, DATABRICKS

2014 MASTER GENETIC AND GENOMIC STATISTICS, UNIVERSITY PARIS-SUD

2012 BACHELOR STATISTICS AND BUSINESS INTELLIGENCE, UNIVERSITY OF PARIS DESCARTES

SKILLS

Computing skills:

- AWS, GCP, Snowflake, Databricks, Heroku
- Power BI, Tableau,
- Python/Pyspark, SQL, R, SAS
- Seaborn, Matploblib, Plotly, MLlib, Sickit Learn
- Confluence, JIRA, Bitbucket, Git

Statistical and machine learning skills:

- Hypothesis tests
- Data mining (PCA, FAC, …)
- Regression (Survival, Linear, Logistic, Lasso, Ridge, ...)
- Classification (DT, SVM, Boosting, Random Forest, …)
- Clustering (HAC, K-means, …)

HOBBIES AND INTERESTS

Sport (fitness, jogging, boxing, soccer, …)
Extensive travels across the world (Europe, America, Asia, …) to discover new cultures
Investing in stocks

PERSONAL PROJECT

A trading robot written in Python that can run automated strategies using technical analysis

- Python package deployed on Pythonanywhere
- Dashboard created with Streamlit package and deployed on Heroku

WORK EXPERIENCE

JUNE 2024 – ONGOING

SENIOR DATA ANALYST, WESTPAC

At Westpac, as a data analyst, my tasks were:

- Develop key analytical data assets, including dashboards and insights tools, to share with the wider Brand & Marketing team for self-service data insights
- Conduct analysis on internal and external WBG data, and effectively communicate these insights to inform decision making for senior stakeholders within the CBMO leadership team.
- Conducting regular evaluations of marketing processes to identify efficiencies and recommend best practices to optimise system functionality and behaviour, with the ultimate goal of improving marketing outcomes.
- Effectively manage risk by adhering to team risk controls and WBG risk mitigation policies.

APRIL 2022 – MAY 2024

DATA INNOVATION SPECIALIST, JCDECAUX

At JCDecaux, as a data analyst, my tasks were:

- Responsible for the successful ideation, deployment and architecture of innovative data solutions.
- Working closely with Marketing, Sales and Insight teams to best meet their needs.
- Extract, manipulate and analyze data using SQL and Python from a the large range of data stored on AWS and Salesforce.
- Create dashboard (Tableau, Power BI, Python web app) and use machine learning technics (Forecasting, Clustering...) to find valuable insights.
- Continuously optimise and improve processes that allow Data and Technology teams to work efficiently.
- Train and mentor new employees.

Example of projects:

- Development of a Multi-Objective Optimization (MOO) algorithm to automate the generation of asset lists for campaign advertisements.
- Creation of a segmentation tool employing clustering algorithms to characterize the demographics within proximity of JCDecaux's inventory.
- Design and implementation of a forecasting algorithm aimed at predicting audience engagement within proximity of JCDecaux's inventory.

OCTOBER 2020 – SEPTEMBER 2021 (12 MONTHS)

DATA ANALYST, SANOFI

At Sanofi, as a data analyst, my tasks were:

- Analyze with precision the needs of the investigators and the objectives of the studies to be carried out,
- Extract, manipulate and analyze data from real-life databases using the Spark framework via Python (RWE data 100M+ patients),
- Propose and implement suitable statistical methods (hypothesis tests, regressions, data mining…),
- Present the results and interact directly with the investigators (power BI, PPT),
- Participate in the development of good programming and quality control practices.

APRIL 2018 – OCTOBER 2020 (30 MONTHS)

DATA SCIENTIST, QUINTEN

At Quinten, I was working closely with US clients (weekly meeting) to best meet the purpose and their needs. My tasks were:

- Analyze with precision the needs of the customers and the objectives of the studies to be carried out,
- Set up a project approach with a precise schedule to be respected,
- Extract, manipulate and analyze data from real-life databases using the Spark framework via Python (RWE data 100M+ patients),
- Propose and implement suitable statistical methods of different levels of complexity (regressions, classification, clustering…),
- Deploy projects on AWS,
- Present the results and interact directly with the customer (PPT),
- Participate in the development of good programming and quality control practices,
- Train new employees.

Examples of projects:

- Refining the benefit/risk ratio of a treatment using a subgroup discovery algorithm and clinical data
- Develop an algorithm for earlier detection of a disease and better understand drivers of symptoms onset using classification and prediction algorithms like logistic regression, LGBM and RNN algorithms

SEPTEMBER 2016 – JANUARY 2018 (16 MONTHS)

CONTRACTOR STATISTICIAN, AIXIAL/SANOFI

Within the HEOR department of Sanofi, my mission as contractor was to:

- Analyze with precision the needs of the Project Leader,
- Extract patients from US claim database (100M+ patients), clean and prepare the data in order to perform the analysis (SAS, R and SQL),
- Propose and implement suitable statistical methods (hypothesis tests, regressions…),
- Work mostly on marketing and costs analyses using regression and data mining technics,
- Present the results to the team (PPT),
- Help to develop new programs to automate analyses.

I was in charge of my projects and responsible of the presentation of the results to the team.

SEPTEMBER 2015 – AUGUST 2016 (12 MONTHS)

STATISTICIAN, KEYRUS BIOPHARMA

As a statistician, my tasks were:

- Analyze with precision the needs of the customers and the objectives of the studies to be carried out,
- Propose and implement suitable statistical methods (mainly survival analysis using Kaplan-Meier and Cox),
- Programming of analyzes on SAS and SQL (dataset, tables, listings, statistics),
- Development of new programs to automate the analyses and interpret the results,
- Redaction of the statistical report.

JULY 2014 – AUGUST 2015 (14 MONTHS)

STATISTICIAN, CEN NUTRIMENT

As a statistician, my tasks were:

- Analyze with precision the needs of the customers and the objectives of the studies to be carried out,
- Set up a project approach with a precise schedule to be respected,
- Propose and implement suitable statistical methods (ANOVA, Regression and Data Mining),
- Programming of analyzes on SAS, R and SQL (dataset, tables, listings, statistics),
- Present the results and interact directly with the customers,
- Development of new programs to automate analysis,
- Redaction of the statistical report.

I worked on observational and clinical studies of phase 2 and 3 (drugs, cosmetics, medical devices ...).

MARCH 2012 – JUNE 2014 (2 YEARS)

STATISTICIAN (WORKED-LINKED TRAINING), INSERM

Clean and analyze data on various observational studies on SAS and R software in oncology, antibiotic resistance, and genetic (big data).
Statistical methods: survival analysis (Kaplan-Meier et Cox), logistic regression and data mining (PCA, Kmeans).