# GERARD VESPASIEN
DATA ANALYST / PYTHON DEVELOPER

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## SUMMARY

With over 5 years of experience in data analysis, including advanced explanatory data analysis (ETA), regression modeling, and proficient use of R and Python for statistical analysis, I bring a solid track record of applying data analysis to deliver substantial business value. My career highlights include implementing key forecast models and developing data-centric solutions directly contributing to operational growth and efficiency.

## EXPERIENCE

**Data Analyst, GCA**                                                       Paris, France | 02/2019 - Present
- Directed CRM projects to optimize the marketing team's journey through advanced data analytics, using SQL and python to identify key pain points, resulting in a 20% increase in customer retention.
- Ideated comprehensive reports and dashboards using Matplotlib and Seaborn for visualizing key performance indicators (KPIs), improving data understanding among stakeholders by 70%.
- Implemented statistical models and designed A/B testing using NumPy, processing datasets exceeding 10 million records, leading to a marked drop in processing time and 25% increase in model accuracy.

**Data Analyst & Scrum Master, EDF**                                         Bordeaux, France | 01/2018 - 12/2018
- Conducted a TPM project, leading cross-functional teams in scrum practices and achieving a substantial cut in operational costs and a 40% decrease in defects through process optimization.
- Played a pivotal role in data collection and cleaning processes, leading to a 50% reduction in preparation time.

**Scrum Master & Python Developer, IBM**                                     Lille, France | 03/2015 - 12/2017
- Supervised ETL (Datastage, Informatica) and Data Warehouse (DWH) projects using python, improving data accessibility and achieved a 92% stakeholder satisfaction rate by upgrading pipelines and enhancing data quality.
- Coordinated with stakeholders to develop technical solutions, ensuring that they met business needs and facilitating effective communication between technical and non-technical team members.

**System Admin & Middleware Engineer**                                       Various Locations, Europe | 1995 - 2014
- Enhanced unix systems efficiency and reliability through streamlined configurations and robust failover strategies.
- Automated IBM MQ and other message-oriented middlewares (MOM) with python libs for seamless data flow.

**Financial Analyst**                                                        Paris, France & London, UK | 1985 - 1995
- Achieved financial data analyses to support strategic decisions, resulting in a 10% growth in market revenue.
- Improved data retrieval efficiency with fine-tuned Oracle SQL queries enabling faster access to critical insights.

## EDUCATION
- Master's Degree in Computer Science, Pierre & Marie Curie University (UPMC), Paris-Sorbonne University
- Languages: English (Fluent), French (Native language), German (Limited working proficiency)

## SKILLS
- Programming Languages: SQL (UML, ERM), Python (Pandas, NumPy, Scikit-Learn), R, Mojo
- Data Visualization: Tableau, Excel, Matplotlib, Seaborn, Plotly
- Statistical Analysis: Regression Analysis, Hypothesis Testing, A/B Testing
- Tools & Technologies: Jupyter Notebook, Anaconda, PyCharm, Dask, Mlflow, Git
- Soft Skills : Problem-solving, Communication, Teamwork.

## TRAINING & CERTIFICATIONS
- Kanban, Lean, Scrum, Data Structures and Algorithms, Data Engineering, ETL, AI, ML
- Agile Project Manager (PMI-ACP)
- Oracle Database SQL Developer (Oracle)
- Data Analysis and Data Science with Python (GLA)