# GERARD VESPASIEN
DATA ANALYST / PYTHON DEVELOPER

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## SUMMARY

As a Data Analyst with over five years of experience, I excel in transforming raw data into actionable insights. My expertise in Python, SQL, and R has driven significant improvements in business strategies, increasing user engagement by 30%. Passionate about data storytelling, I strive to foster a data-driven culture within organizations.

## WORK 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, I identified key pain points, resulting in a 20% increase in customer retention.
- Ideated interactive dashboards using Matplotlib and Seaborn for visualizing key performance indicators (KPIs), improving data comprehension among stakeholders by 70%.
- Implemented statistical models and designed A/B testing using NumPy, processing datasets exceeding 10 million records, leading to a significant reduction in processing time and 25% increase in model accuracy.

**Data Analyst & Scrum Master, EDF**     Bordeaux, France | 01/2018 - 12/2018
- Conducted as Scrum Master a TPM project, leading cross-functional teams in agile methods and achieving a 25% reduction in operational costs and a 40% decrease in defects through process optimization.
- Leveraged regression analysis to optimize IT processes, improving overall efficiency by 15%.

**Scrum Master & Python Developer, IBM**     Lille, France | 01/2015 - 12/2017
- Supervised ETL and Data Warehouse (DWH) projects using python, improving data accessibility and achieved a 92% stakeholder satisfaction rate by streamlining data 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 system efficiency and reliability through optimized configurations and robust failover strategies.
- Boosted processing speed through the optimization of IBM messaging systems to ensure smooth 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 optimized SQL database 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)

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

## 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.