

# 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.

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## WORK EXPERIENCE

Data Analyst, GCA Paris, France | Feb 2019 - Present

- Led a project 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.
- Developed interactive dashboards using Matplotlib and Seaborn for visualizing key performance indicators (KPIs), improving data comprehension among stakeholders by 70%.
- Implemented statistical models and conducted 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.

Scrum Master & Data Analyst, EDF Bordeaux, France | Jan 2018 - Dec 2018

- Served as Scrum Master for an TPM implementation 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.
- Conducted regression analysis to optimize IT processes, improving overall efficiency by 15%.

Scrum Master & Python Developer, IBM Lille, France | Mar 2015 - Dec 2017

- Managed ETL and Data Warehouse (DWH) projects using python, improving data accessibility and achieving a 92% stakeholder satisfaction rate by streamlining data pipelines and enhancing data quality.
- Collaborated 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

- Conducted financial 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.

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## EDUCATION

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

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## CERTIFICATIONS & TRAINING

- Kanban, Lean, Scrum, Data Analysis with Python, ETL, Data Structures and Algorithms, AI, ML
- Agile Project Manager (PMI-ACP)
- Data Analysis with Python (FCC)
- Oracle Database SQL Developer (Oracle)

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## SKILLS

- Programming Languages: SQL, Python (Pandas, NumPy, Scikit-Learn), R
- 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.