DATA ANALYST / PYTHON DEVELOPER

SUMMARY

With over 5 years of experience in data analysis, including advanced explanatory data analysis (EDA), 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 pricing optimization projects to boost sales and marketing efficiency through advanced data analytics, using SQL and Python to target clients' critical metrics.
- 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.

Python Developer & Scrum Master, 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.
- Used PySpark for SQL-like analysis on structured and semi-structured datasets, enabling analytics on large datasets.

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

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, Urllib, Scrapy), R, Mojo
- Data visualization: Tableau, Excel, Matplotlib, Seaborn, Plotly, Shiny, Quarto
- Statistical analysis: EDA, Regression Analysis, Hypothesis Testing, A/B Testing
- Tools & stacks: Jupyter Notebook, Anaconda, VS Code, Spyder, Git, AWS, Azure, Jira, Asana, Linux
- Soft skills : Analytical thinking, Problem-solving, Communication, Teamwork, Continuous learning

TRAINING & CERTIFICATIONS

- Kanban, Lean, Scrum, Data Structures and Algorithms, Data Engineering, ETL, AI, ML
- Certified Agile Project Manager (PMI-ACP)
- Certified Oracle Database SQL Developer (Oracle)
- Certified Data Analyst and Data Scientist with Python (GLA)