≋ MOR i n s i g h t s ≋
People ≋ {D a t a} ≋ PROGRESS

DATA & ANALYTICS SPECIALIST **MAARTEN OUDE RIKMANSPOEL**

Maarten is a very driven person who shows leadership, initiative and determination. He communicates easy, analyses thoroughly and is a responsible team player. He is result-oriented, demanding while taken human aspects fully into account. Maarten's key driver is to provide individuals, teams or your business with insights and focus to tackle your complex decisions.

Maarten has studied Electrical Engineering (BSc), Sociology (BSc), Military Leadership and Information Management (MSc). With this extensive experiences Maarten has broadened his experience in the HighTech Industry and HighTech Startups as an overall project manager, business intelligence and data engineering specialist. He experienced the added value of (master) data management, data engineering and business analytics, working on complex products and process during assignments in the HighTech industry. That drove Maarten to develop these skills even further over the past years to provide you insights to solve your complex problems.

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EXPERIENCE

2023 - now **ASML, Product Owner machine data & Data Analyst (freelance)**

Tasks and responsibilities
- Technical product owner within IT's Big Data& Analytics department, responsible for machine data continuity of machine availability data.
- Part of the Machine Data Continuity agile release train, migrating on-prem data processing to an Azure native solution. The machine data is serving 18000 unique users in more than 55 critical business processes.
- Happy to support 6 top of the industry data engineers by prioritizing and aligning on business value, while increasing team satisfaction and velocity and understanding the products technically.
- Serving 14.000 users with +3 milion interactions per year. Technology stack includes Azure Data Lake Storage, Event Hub, Azure Data Factory, Terraform, Azure Kubernetes Services, Azure Databricks, Applications Insights.

Results
- Moving data processing products from UAT to global business go-live in a greenfield project.
- Moving the solution from Hadoop technology, trough Kubernetes to a Databricks Native streaming solution while increasing load and decreasing cloud costs by ~30%.
- Using a 'fail-fast and deliver value a.s.a.p.' approach, it took 3 months after business go-live until first incident on our solution was occurring.
- Processing 150k machine data records * 5500+ machines every day with a streaming solution in less than 8 hours. Every day.
- Increased outage recovery capabilities from 1:1 to 5:1 (outage:recovery duration) ratio.

2021 - 2023 **Vebego, Data Engineer & Business Intelligence Spec. (freelance)**

Tasks and responsibilities
- Collect, prepare and combine data for reporting purposes of facility management contract (Power BI Services, Azure Data Lake, Azure Data Factory, Sharepoint and other Office365 apps).
- Create reporting and data ETL for 2 new apps as part of strategic positioning for next year's tender program.

Results
- Ad-hoc and initial ETL steps for 2 new API sources
- Increased data security irt autorisations.
- Increased data quality of source data input.
- Kept reports running and extending it with additional KPI's and datasets.

2020 - 2020 **Enexis, Data Engineer (freelance)**

Tasks and responsibilities
- Collect, prepare and analyse data for data modelling; privacy- and security classifications; before loading data from data warehouse to data lake of Enexis (SQL, Talend, Python and other Office365 apps).
- Support data stewards; data owners and data management office performing data impact assessments and classification workshops and registration.

Results
- Created a predictive model for privacy classification with data science team to increase speed of classification and decrease business workload.
- Onboarded participants for workshops and ensured they perform in multi disciplinary teams during classifications; despite being formed from multiple business domains and cross-project specialists.

2019 - 2020 **Rabobank, Business Intelligence Analyst (freelance)**

Tasks and responsibilities
- Collect business requirements for reporting on process and services of Rabobank's Cyber Defence Center.
- Define process, application, data, report connection and their dependencies for trustworthy and easy to interpred report graphs.

Results
- Transformed reporting in MS Powerpoint to Power BI.
- Identified available data sources, define their quality and fit for purpose for reporting based on the combined business requirements.
- Delivered first report version in Power BI within 6 weeks after start.

2019 - now **MORinsights, Data Engineering & Analytics Specialist (freelance)**

Tasks and responsibilities
- Freelance data specialist who believes in: People {Data} Progress
- Data Engineering and Business Intelligence

2016 - 2019 **Vanderlande Industries, Master Data Specialist**

Tasks and responsibilities
- Responsible to define and implement master data processes for item creation, data quality and integrity
- Analyse and report master data process performance and trends
- Participate in Data Science team using Agile methodology as product owner or contributor

Results
- Planned and executed data cleaning and initial data migration of Product Data Management applications of an acquired company
- Increased overall control on data quality by increasing centralization of master data check and release process by 35% of the total amount of created item master data.

2016 **Holland Innovative, New Product Development Engineer**

Philips Innovation Services Technology Labs
Tasks and responsibilities
- Responsible that the medical MEMS devices meet the customer requirements, ISO13485 standards and are tested accordingly
- Realize product test capabilities and data acquisition architecture
- Analyse and report product data and keep product trends

Results
- Architected test data structures and analysis in the supply chain that enabled 'known good device delivery' to go to 99% good devices
- Solved 2 major issues with 8D problem solving methods

2015 **Holland Innovative, Project Manager New Product Development**

Philips Healthcare Incubator Handheld Diagnostics
Tasks and responsibilities
- Data acquisition and structuring of production line equipment CtQ parameters to reduce product variation
- Building a script to combine data from different (file) structures
- Delivery of data from multiple batches for statistical variation analysis (ETL)
- Validation of new automated packaging equipment in high tech healthcare production environment. Plan, test and validate process change for this production step
- Coordinate the ramp-up from experimental to production size batches (3* 300 products/day to 1200+ per day)

2011 - 2014 **Manager Avionics Maintenance and Repair Facility**
Royal Netherlands Air Force, Logistics Centre Woensdrecht
Tasks and responsibilities
- Manager of 59 employees of the Avionics Maintenance and Repair Facility
- Responsible for product quality, production results and process improvement

2008 – 2011 **Manager Planning & Coordination Component Maintenance**
Royal Netherlands Air Force, Gilze-RijenAirbase
Tasks and responsibilities
- Performing business- and information analyses for planning purposes
- Logistics and Maintenance Officer Apaches Afghanistan (2010)

Results
- Boosted data quality of maintenance data

2007 – 2008 **Manager Communication- and Information System Operations**
Royal Netherlands Air Force, Eindhoven Airbase

EDUCATION

2020 – 2022	**Doormernik Trainingen** Certified Tension Releasing Exercises Provider
2019 – 2020	**Guru Gian Institute** Certified RY200 kundalini yoga teach
2010 – 2011	**TiasNimbas Business School** Master of Science, Executive Master of Information Management
2005 - 2006	**Royal Netherlands Military Academy Breda** Military Officers training
2004 - 2005	**Tilburg University** First year of Bachelor's Program in Sociology
2001 – 2004	**Avans Hogeschool Breda** Bachelorin Electrical Engineering
1995 – 2001	**Instelling Voortgezet Onderwijs Deurne** Atheneum

COURSES

- Raising my production-grade Kubernetes cluster as homelab serving for 4 years
- MongoDB and Neo4J NoSQL database courses, Udemy Academy
- Data Science and Machine Learning in Python, Udemy Academy
- Jira Software basics, Vanderlande Academy
- Bitbucket and Git basics, Vanderlande Academy
- PRINCE2 Foundation, EXIN exameninstituut
- IPMA Level D: Certified Project Management Associate
- Cultural awareness course, Itim International

MISCELLANEOUS

Languages	Dutch, English and German
IT	MySQL, PSQL, Kubernetes, Python, Azure, KQL, Power BI, Docker, MongoDB, Neo4J, Jira Software, Git, ArgoCD, Grafana, Prometheus, Linux (Debian mainly), Raspberry OS, Linux4Tegra, JD Edwards, SAP Manufacturing & Product Life cycle, ServiceNow
Projects	Experience in SAFe, Agile, DevOps, PRINCE2 and LEAN principles
Hobbies	Kundalini yoga practitioner and teacher Hockey Trainer boys and girls (12-17 years) FieldHockey: Player, Hockey Club Den Bosch, Hockey Club Valkenswaard MilitaryMen Hockeyteam, Mixed Hockeyclub Deurne
Interests	Analytics, data, connecting people, computers, IT, leading and coaching people

More details and recommendations via https://www.linkedin.com/in/maartenor/

Github (public) https://github.com/maartenor